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'JSAFETAC/DS-80/26

DATA PROCESSING DIVISION USAFETAC Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

MACDILL AFB FL WBAN# 12810 N 27 51 W 082 30 FLD ELEV 13 FT MCF WMO # 74788

PARTS A-F

814280A ..

POR FROM HOURLY OBS: SEP 67 - DEC 70, JAN 73 - AUG 79 FOR FROM DAILY OBS: SEP 49 - AUG 79

HOUR CONVERSION GMT TO LST = -5

MAR 05 1980

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SUSAN V. BERRY, 2 Lt, USAF

Information Retrieval

Manager

FOR THE COMMANDER

WALTER S. BURGHANN

Scientific & Technical

Information Officer.

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REPORT DOCUMENTATION PAGE	E	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER 2. G	OVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
USAFETAC/DS-80/026		ĺ
4 TITLE (and Subtitle)		5 TYPE OF REPORT & PERIOD COVERED
Revised Uniform Summary of Surface Weat Observations (RUSSWO)-	ther	Final rept.
MacDill AFB, TAmpa Bay, Florida		6. PERFORMING ORG. REPORT NUMBER
7 AUTHOR(a)		8. CONTRACT OR GRANT PUMBER(*)
9. PERFORMING ORGANIZATION NAME AND ADDRESS	···	10 PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
USAFETAC/OL-A Air Force Environmental Technical Appl Scott AFB IL 62225	. Center	
11. CONTROLLING OFFICE NAME AND ADDRESS	_	12 REPORT DATE
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18 SUPPLEMENTARY NOTES	•	······································
This supersedes AD-A072039		
19 KEY WORDS (Continue on reverse side if necessary and iden	ntify by block number	,
*RUSSWO Daily temperature		ospheric pressure
Snowfall Extreme snow dept	th Ext	reme surface winds
Climatology Sea-level pressur Surface Winds Extreme temperati	re Psy	chrometric summary
Surface Winds		ling versus visibility (over)
O ABSTRACT (Continue on reverse aide II necessary and iden This report is a six-part statistical s	tily by block number)	
MacDill AFB, Tampa Bay, Florida		
It contains the following parts: (A) We (B) Precipitation, Snowfall and Snow De (C) Surface winds; (D) Ceiling Versus \ Summaries (daily maximum and minimum te temperatures, psychrometric summary of dry-bulb temperature, means and standar	epth (daily am /isibility; Si emperatures; (.wet-bulb tem	mounts and extreme values); ky Cover; (E) Psychrometric extreme maximum and minimum perature decression versus
FORM 149		7
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- 19. Percentage frequency of distribution tables
 Dry-bulb temperature versus wet-bulb temperature
 Cumulative percentage frequency of distribution tables
 - * Florida

- * MacDill AFB, FL
- 20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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SECURITY CLASSIFICATION OF THIS PAGE(When Date Entered

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CONTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Howrly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summeries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART & PRECIPITATION

SNOWFALL

SNOW DEPTH

PARTC SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV .

(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0600, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Surmary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular mouth during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JAITUARY	APRIL	JULY	OCTOBER
FELRUARY	YAY	AUCUST	NOVENBER
MARCH	JUNE	SEPTEMBER	DECEMBER

574-29056

1281	.0	MacDill AFB Florida/Tampa		N 27		082 30	13 ft.		CF	74788
		STATION LOCATI	ON A	ND IN	STRU	MENT	ATION	HIST	ORY	
UMBER OF CATION		GEOGRAPHICAL LOCATION & HAME	TTPE 6F STATION	AT THIS LO	TO TO	LATITUDE	LCACITUDE ELEVATION ABOVE MST. P. DA			OBS PER Day
1 2	MacDill Same	•	AFB St Same L' Fr DL G- St S S	Mar 57. 1	Neb 57 1 Aug 79	N 27 51 Same	W 032 30 Same	9 ft. 13 Æt.	12. ft.	24 24
	•		1							
										<u> </u>
OF CATION	DATE OF CHANCE	SURFACE WI	ND EQUIPMENT	TYPE OF TARBUTTER	TYPE OF	HT ABOVE	REMARKS. AD	DITIONAL EQUIP	NENT. OR REA	SOR FOR CHANCE
1 2 3 4 5	Sep 49 Apr 53 Apr 54 Apr 55 Apr 58	N/A Located on top of base has Same Same Located about mid point or side of taxiway which par rnwy 04/22.	f East	GIQ-IA GIQ-I Same Salitym GIQ-11	N/A MI-144 MI-144B MI-144 RO-2	75 ft. 13 ft.			·	ı
7	Apr 59 Apr 60	located 750 ft SE of the on the midpoint of rnwy! 0 located SE side of rnwy 0 500 ft. off rnwy parallel point.	4/22. 4/22 and	Same	Same	13 ft.			•	

MUKBER	DATE	SURFACE WIND EQUIPMENT IN	ORNATION			
OF LOCATION	OF . CHANGE	LOCATION	TÝPL OF -TRANSMITTER	TYPE OF RECORDER	HT ABOYE CROUND	REMARKS. ADDITIONAL EQUIPMENT. OR REASON FOR CHANGE
8	Oct 65	1. Located 500 ft W. of centerline and 1000 ft from end of rnwy 04. " 2. Located 600 ft B. of centerline and 1000 ft from end of rnwy 22.		RO-2	13 ft. Same	•
9 1 0	Apr 70 Jul 70	1. Same 2. Same 2. Located 500 ft E. of centerline	Same Same	RO-362 Same	Same Same Same Same	عيدت _{ال} م _{يد}
11	Jan 75	and 1000 ft from end of knwy 22. 1. Same 2. Same	GMQ-20	Same	Same Same	
12	Aug 79	1. Same 2. Same	Same Same	Sara	Same Same	₹ ••
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U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

- 1. By month and annual, all hours and years combined.
- 2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Show and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, r . ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing sway - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

4

GLOBAL CLIMATOLOGY BRANCH **WEATHER CONDITIONS** USAFETAC AIR WEATHER SERVICE/MAC €. 12810 HACDILL AFB FL 68-79,73-79 STATION NAME YEARS STATION C PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS % OF OBS WITH PLEOP. SNOW AND/OR SMOKE AND/OR DUST % OF OBS RAIN FREEZING TOTAL HOURS (LS T.) THUNDER-AND/OR RAIN & /OR AND/OR WITH OBST NO. OF OBS. MONTH DRIZZLE DRIZZLE SLEET HAZE TO VISION 90-02 939 JAN 13.3 15.5 (03-05 3.9 19.4 21.8 930 80-66 24.5 930 14.4 32.6 09-11 1.0 17.2 29.5 939 C 4.4 4.6 930 1.7 15-17 3.7 3.7 4.2 730 18-20 4.7 4.7 930 21-23 4.1 7.7 930

7440

USAFETAC ART 44 - 0-10-5(QL A), HENOUS EDITIONS OF THE FORM ARE ORIGINATE

TOTALS

WEATHER CONDITIONS

12810

MACDILL AFB FL

68-70,73-79

YEARS

FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER. STORMS	RAIN AND/OR DRIZZLE	FREEZING BAIN & /CR DRIZZLE	SNOW AND/OR SLEET	HAR	% OF ORS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FES	00-02		4.5				4.5	9.2	3.7		•1	10.8	£45
	υ3 − 05	. 4	4.4				4.4	12.8	3.1		• #	14.4	846
	56-08	1.1	5.7				5.7	20.3	13.2			27.9	846
	<u>69-11</u>	.7	5.7				5.7	10.8	17.5			23.4	846
	12-14	.7	4.4				4.4	3.1	5.5	<u> </u>	•2	7.7	846
	15-17	.6	5.9				5.9	2.1	4.1			5.2	845
	18-20	.5	5.7				6.7	3.3	3.2			5.9	846
	21-23	•1	5.8				5.8	5.4	2.5			7.0	846
					,								
TOTALS		.5	5.4				5.4	8,4	6.6		.1	12.5	6787

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WEATHER CONDITIONS

12810	MACDILL	AFB	FL	
STATION			27.70	**

68-70,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02	•2	3.9				3.9	7.6	1.8			3.7	929
	93-05	• 5	3.7				3.7	11.3	3.7			12.7	930
	06-08	. 43	3.2				3.2	20.1	1.5 • 4			28.0	930
	09-11	.9	4.0				4.0	6.5	12.3	l		16.5	930
	12-14	•5	4.0				4.0	• 9	3.3			4.0	930
	15-17	1.1	4.2				4.2	2.0	3.3			4.9	930
	18-20	1.4	5.7				5.7	2.7	3.3			5.7	930
·	21-23	•6	4.3				4.3	4.1	1.3			5.2	930
 													
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	<u> </u>			ļ						ļ			
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TOTALS		.7	4.1				4.1	6.9	5.6			10.7	7439

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WEATHER CONDITIONS

12810 MACDILL AFB FL 68-70+73-79 APR
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (L S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOXE AND/OR HAZE	BLOWING SNOW	DUST AND/OP SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.1	1.1				1.1	1.9	3.6			4.2	900
·	03-05	•2	1.6				1.6	5 • 8	5.8			8.8	900
	06-08	• 3	2.0				2.0	11.9	18.8			24.4	900
	09-11	.7	1.9				1.9	1.8	7.8			8.6	900
	12-14	.4	1.2				1.2		3.1			3.1	900
	15-17	.4	1.3				1.3	.1	1.9			1.9	899
	18-20	.2	1.3				1.3	.6	2.6			2.9	900
	21-23	•2	1.3				1.3	. 6	2.0			2.4	900
					×.								
										·			
TOTALS		•3	1,5		PX.		1.5	2.8	5.7			7.0	7199

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£	12810 NOIMTE	MACI	DILL AF	FB FL	N NAME			6 <u>8-7</u>	2 , 73-79	,	YEARS				MAY MONTH
C			F	-	-	_			ENCE OF Servati		IER				
E		нтиом	HOURS (L.S.T.)	THUNDER-		FREEZING RAIN & /OR		HAIL	% OF OBS WITH	FOG	SMOKE AND/OR	BLOWING SNOW	DUST AND/OR	3 OF OBS	TOTAL NO. OF
0		MAY	00-02	. 4	DRIZZLE	DRIZZLE	SLEET		PRECIP.	1.4	2.6		SAND	3 • 3	930
6			03-05 06-08	1.1	3•2 2•9				3.2 2.9	3•5 12•4	28.6			8.8	930 930
e			09-11	1.8	3.8				3.8	1.6	13.4			14.0	930
G			15-17	4.1	5.5 4.9				5.5 4.9	•1	5.6 3.8			3.8	930
0			18-20 21-23	4.D	5.6 3.0		· · · · · · · · · · · · · · · · · · ·		5 • 6 3 • 0		3.3			3.3	930 930
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USAFETAC PORM. 0-10-5(QL A), PREMOUS EDITIONS OF THIS FORM ARE OSSOLETE.

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GLOBAL CLIMATOLOGY BRANCH **WEATHER CONDITIONS** USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL STATION NAME 68-70,73-79 PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS % OF OBS WITH PRECIP. RAIN FREEZING DUST % OF OBS SNOW SMOKE TOTAL HOURS (LS.T.) THUNDER-AND/OR DRIZZLE RAIN & /OR DRIZZLE AND/OR HAZE AND/OR SAND WITH OBST TO VISION NO. OF OBS. HTHOM AND/OR SLEET UQ-02 2.2 900 3.0 5.3 900 06-08 900 8.7 19.6 23.0 09-11 2.8 10.0 900 O 4.2 4.2 900 0 9.0 900 940 900 TOTALS

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GLOBAL CLIMATOLOGY BRANCH **WEATHER CONDITIONS** USAFETAC AIR WEATHER SERVICE/MAC C 12810 MACDILL AFB FL STATION NAME C PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS **£** % OF OBS WITH PRECIP. % OF OBS RAIN FREEZING SNOW SMOKE DUST TOTAL HOURS (L.S.T.) THUNDER-NOW SHOW MONTH AND/OR DRIZZLE RAIN & /OR DRIZZLE AND/OR SLEET AND/OR HAZE AND/OR WITH OBST NO, OF OBS. C SAND 00-02 930 2.4 2.8 6 03-05 . 9 930 C 1.0 2.0 2.0 4.91 16.2 18.0 930 930 89-11 2.9 2.8 8.4 8.5 2.8 11.0 6.9 6.9 930 6.7 5.6 C 15.5 11.8 11.8 4.2 930 C 930 7440

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WEATHER CONDITIONS

12810	MACDILL AFB FL	68-70.73-79	AUG
12010	CACUILL AFB FL	08-14+13-17	
STATION	STATION NAME	YEARS	MONTH
01/11/01/		16/40	********

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FPEEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.7	4,6				4.6	• 8	2.6			3.1	929
	03-05	•8	2.2				2.2	2.5	5.7			6.8	930
	06-08	1.4	2.2				2.2	7.0	17.0			20.1	930
	09-11	4.2	4.4				4.4	1.4	8.4			8.6	930
	12-14	9.8	8.0				8.0	. 3	4.4			4.5	930
	15-17	17.3	12.3				12.3	• 3	2.9			3.2	930
	18-20	18.6	14.2				14.2		2.5			2.5	927
	21-23	4.6	6.4				6.4	. 3	2.3			2.6	925
	·												
TOTALS		7,4	6.5	-			6.8	1.6	5.7			5.4	7432

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WEATHER CONDITIONS

1281U MACUILL AFB FL 67-70,73-78 ...
STATION STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

KTHOM	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	rog	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
SEP	00-02	1.2	1.8				1.8	. 8	2.4			2.4	399
	03-05	.9	2.3				2.3	3.4	6.4			7.6	900
	06-08	• 9	3•2				3.2	7.8	22.7			24.9	900
	09-11	1.8	2.6				2.6	2.7	12.7			13.4	900
	12-14	5.6	5.7				5.7	•2	5+3			5.6	900
	15-17	10.6	9.8				9.8	•1	2.5			2.9	900
	18-20	7.3	11.0				11.0	. 3	2.1			2.2	900
	21-23	3.4	6.2				6.2	•2	1.1			1.1	900
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				<u>.</u>			,						
TOTALS		4.0	5.3	:	×		5.3	1.9	6.9			7.5	7199

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WEATHER CONDITIONS

					•
12810	MACDILL AF8 FL	67-79.73-78	,	•	OCT
STATION	STATION NAME		YEARS		HTHOM

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02		3.2				3.2	1.4	1.5			2.5	930
	03-05	•5	2.6				2.6	4.4	6.1			8.1	930
	06-08	.1	2.9				2.9	12.3	20.0			24.4	930
	09-11	. 3	2.2				2.2	3.8	11.3			12.6	930
	12-14	• 3	3.8				3.8	•1	1.8			1.9	930
	15-17	1.6	4.4				4.4	•1	1.5			1.6	930
	18-20	1.7	5.0				5.0	• 2	•6			.9	929
	21-23	• 3	4.0				4.0	• 3	•2			• 5	930
TOTALS		•7	3.5				3.5	2.8	5.4			6.5	7439

USAFETAC - TOTAL O-10-5(OL-A), meyious comons of this form are discuste

WEATHER CONDITIONS

12810

MACDILL AFB FL STATION NAME

67-70,73-78

V O V

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
иои	00-62	• 3	1.8				1.8	7.1	3.7			8.4	900
	03-05		2•2				2.2	11e3	6.1			14.0	900
	06-08		1.2				1.2	22.2	16.8			30.3	• 900
<u></u>	89-11		1.1				1.1	11.0	12.0			17.9	900
	12-14	• 3	2.6				2.6	1.1	5.8			6.1	950
	15-17		2.6				2.6	• 6	1.8			2.0	900
	18-20	•6	3.4				3.4	1.3	2.2			3.0	900
	21-23	• 3	2.9				2.9	4.4	2.6			5.7	900
ļ													
TOTALS		_ •2	2.2		<u>.</u>		2.2	7.4	6.4			10.9	7200

USAFETAC POINT 0-10-5(OL"A), PREVIOUS EDITIONS OF THIS FORM ARE ORIGINATED

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WEATHER CONDITIONS

12810	MACDILL AFB FL	67-70,73-78	DEC
STATION	STATION NAME	YEARS	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LS.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02	• 8	5.6				5.6	9.0	1.4			9.4	930
	03-05		5.6				5.6	12.6	5.5		• 1	15.7	930
	06-08	_ • 3	6.2		_		ć•2	19.4	11.3			24.6	930
	69-11	6	7.6				7.6	11.9	11.5		. 1	20.4	930
	12-14	1.0	6 • Z				6.2	4.0	3.5		•2	7.0	930
	15-17	•9	5.5				5.5	2.9	2.7			4.7	930
	18-20	•2	5.4				5.4	4.5	1.6			5.2	928
	21-23		4.3				4.3	7.7	.9			7.7	927
			`							2			
					<u>,</u>		•						
					·				`			`	
TOTALS		5	5.8				5.8	9.0	4.8		•1	11.8	7435

USAPETAC ALT 44 - 0-10-5(OL A), PREVIOUS EDITIONS OF THIS POINT ARE OSSOLETE

WEATHER CONDITIONS

1 2810 STATION

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MACDILL AFB FL STATION NAME

67-70,73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

нтиом	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	fOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.3	4.5				4.5	11.4	8.0		•0	16.6	7440
FEB		•5	5.4				5.4	8.4	5.5		.1	12.8	6767
MAR		.7	4.1				4.1	6.5	5.6			10.7	7439
APR		.3	1.5				1.5	2 • 8	5.7			7.0	7199
MAY		2.0	3.8				3.8	2.4	8.1			9.?	7448
หนุเ		4.7	5.3				5.3	1.7	7.5			8.2	7200
JUL		6.2	5.6				5.6	• 9	6.8			6.4	7440
AUG		7.4	6.8				6.5	1.6	5.7			6.4	7432
SEP		4 • 0	5.3				5.3	1.9	5.9			7.5	7199
130		.7	3.5				3.5	2.8	5.4			6.6	7439
NOV		•2	2.2				2.2	7.4	6.4			18.9	7200
DEC		•5	5.8				5.8	9.0	4.8		•1	11.8	7435
TOTALS		2.3	4.5		.0		4.5	4-8	5.4		•0	ş.5	87630

USAFETAC ALTA: 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE CONCUST

PART A

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ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "\$ OF OBS WITH PRECIP" and "\$ OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
 - (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
 - (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

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MACDILL AFB FL STATION NAME

49-79

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

нтиом	HOURS (LST.)	THUNDER- STORMS	RAIN AND/CR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SHOW AND/OR SLEET	HAR	% OF OBS WITH PREOP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.8	2843		• 3		28.5	43.0	41.0			56.8	930
FEB		6-3	32.2		- 1	.1	32.2	35.8	35.2		•1	50.5	847
MAR		8.2	29.9			• 2	29.9	34.1	33.0			45.6	9 30
APR		9•2	24.7			•1	24.7	21.1	26.5			35.1	900
MAY		18.7	31.7			•1	31.7	15.9	34.1			34.7	930
มบผ		45.2	52.3			• 3	52.3	11.1	27.1		.1	29.4	900
JUL		65.4	63.7			.1	63.8	6.6	15.7			18.8	930
AUG		65.7	67.8			•1	67.8	3.8	21.1			24.0	930
SEP	-	38-4	57.8			•	57.8	14.2	33.4		•1	37.1	887
OCT		8.9	32.6				32.6	21.9	31.1			37.1	930
NOV		3.8	25.1				25.1	31.1	35.5			45.4	899
DEC		3.8	29.5				29.5	36.5	34.0			49.1	930
TOTALS		23.1	39.6		•0	.1	39.7	23.3	30.7		•0	39.0	10943

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U S AIR FORCE ENVIRONMENTAL TECHNICAL -APPLICATIONS CENTER

PART B

PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- El. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DRPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having mome, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- 22. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-much block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION ".00" equals mome for the month (hundredths)

EXTREME DAILY SHOWFALL ".0" equals mome for the month (tesths)

EXTREME DAILY SHOW DEPTH "0" equals mome for the month (whole inches)

3. The third set of two tables provides the total monthly security of PRECIPITATION and SHOWPALL for each year-month and annual. Also prepared are the mesns, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

" Values for means and standard deviations do not include measurements from incomplete months.

NOTES:

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- (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

U. S. Navy and National Weather Service (USWB)

Beginning thru 1945	at 0800LST	Beginning thru Jun 52	at 00300M
Jan 46-May 47	at 1230GMT	Jul 52-May 57	at 12300MI
Jun 57-present	at 1200GMT	Jun 57-present	at 12000M

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

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MACDILL AFB FL

						AM	וון צדאעס	NCHES)						PERCENT		MON	THLY AMO	DUNTS
MECIP.	HONE	TRACE	01	02 05	06-10	11 25	26 50	51 1 00	1 01-2 50	25 500	5 01 10 00	10 01-20 60	OVER 20 00	OF DAYS	TOTAL	"	(INCHES)	
SHOWFALL	HÔHE	TRACE	0104	0514	1524	2534	3 5 4 4	4564	6 5 10 4	10 5 15 4	15 5 25 4	25 5 50 4	OVER 50.4	MEASUR-	OF OBS	MEAN		
SHOW- DEPTH	HOME	TRACE	1	2	3	46	7.12	13.24	25.30	37 48	49 60	61.120	OVER 120	AMTS		MEAN	GREATEST	LEAST
HAL	71.3	7.7	2.3	3 • 8	2.4	4.3	3.9	2 • 8	1.5	- 1				21.0	930	2.27	1.23	FRAC
FEB	67.2	9.3	1.7	3.1	3.3	3.5	4 • 5	4.7	2.5	• 2				23.5	847	2.94	8.52	• 3
MAR	69.1	9.5	1.7	4 - 1	1.5	3.1	4.4	3.7	2.7	• 2				21.4	930	2.99	8.14	•0
APR	74.9	9.7	. 9	3.7	2.0	3.0	2.4	1.9	1.4	• 1				15.4	900	1.60	5.21	•0
MAY	67.6	11.3	1.5	3.5	2.8	3.2	3 • 4	3.8	2.5	•2	. 1			21.1	930	3.10	11.24	TRAC
MUL	47.4	15.8	2.2	7.0	4 • 1	7.1	6.9	4.9	4.2	• 2		•1		36.8	899	4.86	17.23	1.0
JUL	35.3	15.2	2.5	8.5	6.6	9.7	8.5	6.3	6.5	• 5	•2			49.6	930	7.05	. 9 . 00	1.8
AUG	31.6	17.3	3.0	8.1	5 • 5	10.2	9.5	7.1	7.2	• 5				51.1	930	7.21	14.08	1.2
SEP	41.8	16.2	2.7	8.1	4.1	7.8	7.6	6.1	4 . 4	1.1	•1			42.8	900	5.72	1.77	.7
ОСТ		12.4	1.5	4.8	3.4	3.7	2.7	3.7	1.4	- 3				21.5	930	2.49	6.67	• • 1
NOV	74.3	9.4	1.7	3.4	1.9	3 • 3	2 • 8	2.1	• 8	• 1	•1			16.2	900	1.66	6.79	TRACI
DEC	70.4	8.7	2.8	3.7	3.2	3.4	2.8	2.8	1.7	. 4				20.9	930	2.39	7.17	.1
ANNUAL	59.7	11.9	2.1	5.1	3.4	5.2	4.9	. 4.2	3.1	• 3	• 0	•0		28.4	10956	44.28	\searrow	\searrow

1210 WS FORM 0:15-5 (OLI)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 STATION

MACDILL AFB FL STATION NAME

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	MAL	FEB	MAR.	APR	MAY	אטנ	וטנ	AUG	SEP.	oct.	NOV.	DEC.	ALL MONTHS
49									4 . 26	.77	•53	•07	
50	TRACE	•28	1.16	•83	.72		1.88	1.56		•57	.19	1.62	3.85
51	• 08	• 69	1.02	2.99	.19	•50	1.83	1.32		1.62	2.16	•40	3.80
52	• 4 9	1.53	1.69	• 33	1.08	1.47	•71	•38		1.83	1.49	•31	1.83
53	1.70	• 85	1,97	1.32		2.22	1.41	•97		• 63	2.90	1.67	2.90
54	• 84	.87	.87	.80	•76		1.52	1.76	Li	2.02	1.78	•72	2.02
55	•77	-84	•69	•58	1.37					3.70	1.09	.17	3.70
56	•13	•90	•05	1.18	1.26					2.27	•31	•20	2.52
57	.88	2.05	1.71	2.22	1.75					2.64	.73	1.15	
58	1.72	3.50		1.22	•75				•46	•90	• 30	•92	3.50
59	1.65	1.17	2.36		1.58		2.25	1.61	1.10	•90	•68	3.19	3.19
60	• 45	1.13	•89		•39				i	.81	TRACE	,38	7 • 29
61	1.12	•78	2.61	• 4 4	.79					+10	•11	2.20	2.6
62	•55	1.57	1.42		1,39				6.03	•55	•84	.42	6.0
63	•89	2.36	•78		1.29	.87	2.06		: :	•10	5.06	1.35	5.06
64	4.30		2.72		1.75				1.20	2.44	•12	1.01	4 • 31
65	• 92	1.45	•/37	1.33	•35				1.46	• 54	•75	1.19	5.19
66	1.13	-81	1.44	1.49			2 • 27			•92	. 33	•25	2.2
67	•56	1.41	• 33	•00	.76				1.39	1.94	•20	1.20	3.6
68	• 34	1.09	•51	_ ∙53	1.54			1.53		1.94	1.89	.37	2.8
69	2.26	1.33	2.18	•41	1.97	•93	1.04	1.97	1.28	2.03	•88	3.09	3.09
70	1.40	1.74	1.67		2.24					.64	• 30	•76	2.41
71	•25	2:46	•30		2.75					2.32	•94	•86	2.7
72	• 49	2.74	1.23							1.51	1.27	2.56	3.19
73	1.89	•79	1.66	1.25				3.15	• 1	.17	•96	2.02	3.1
74	• 24	•27	78	• 30					f1	•11	•07	1.47	10.70
75	•39	•97	•63					1		3.07	•30	•51	3.0
76	• 15	• 22	1.76	1.28	4.1.7	1.71	1.17	•78	138	.58	1.69	.31	4 • 1
77	.87	• 80			1.08		3.09			• 30	.81	•57	3 • 0
78	• 87	1,62	108	• 36	1.29	•99	1.77	1.88	•18	•12	•03	1.25	1.8
MEAN		. 4 4	,						- in				
S. D.													
TOTAL OSS.						***************************************			T				

USAF ETAC AN AL OBE-5 (OLA)

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL STATION NAME

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9-79

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR	MAY	NUL	ງບເ	AUG.	SEP.	ост.	МОЛ	DEC	ALL MONTHS
79	2.27	.82	1.71	• 25	7.40	•78	1.40	2.85					
<u>F</u>													
					i								
D.C.	ļ					ŀ				İ		F	
					i		 -						
	l												
					-,								
MEAN	097	1.270	1.227	909	1 : 305	1 777	2 040	1.775	1 055	1 240	057	1.070	3.77
S.D.	293	748	.718	•667	1.414	1.385	1.360	.771	1.288	987	1.053	1.070 .851	1.82
TOTAL OBS.		-847		900	930	899	930	930	900				1095

NOTE * (BASED ON LESS THAN FULL MONTHS

USAF ETAC NAME GOOS (OLA):

EXTREME: X ALUES

MONTHLY PRECIPITATION

(FROM DAILY OSSERVATIONS)

810

MACDILL AFB FL STATION NAME

49-79

YEARS

STATION

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TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH	JAN	FEB.	MAR.	APR.	MAY	JUN.	JUL	AUG	SEP.	ост.	NOV	DEC	ALL MONTHS
49									8.08	1.54	•92	•11	
50	TRACE	.40	4.09	1.69	1.24	3.81	11.00	7.30	9.60	1.65	• 441	4.95	46.1
51	.16	1.41	2.05	4.52	•33	1.03	5.93	4.48	11.77	1.70	3.16	1.20	37.7
52	.70	4 . 39	5.51	•68	2.19	2.43	4.47	1.23	4.65	6.67	1.85	•53	35.3
53	2.19	1.89	3.49	2.78	TRACE	6.97	2.88	3.64	10.43	1.59	4.90	4.36	45.1
54	1.60	1.54	1.45	1.75	3.25	3.38	7.83	5.90	3.89	2.18	2.29	1.99	37.0
55	2.07	1.10	1.42	.82	2.10	4.34	6.25	5.39	8.73	4.75	2.70	•49	40.1
56	.24	1.49	•05	1.79	1.62	1.64	6.98	7.35	4.57	4.73	•47	•27	31.2
57	• 92	3.47	4.11	5.21	7.13	6.09	8.14	9.97	7.41	3.70	1.80	1.71	59.6
58	6.39	4.42	4.80	4.28	1.50	6.68	5.09	7.35	1.35	3.39	•95	2.97	49.1
59	3.06	2.30	8.14	2.34	6.74	5.42	6.95	8.28	5.43	4.93	2.21	7.17	62.9
60	1.01	3.67	3.45	•90	.61	2.10	19.00	2.91	6.47	1.56	TRACE	.93	42.6
61	2.83	1.75	3.28	1.11	1.77	1.01	5.58	8.98	3.53	•16	.19	3.86	34.0
62	1.43	2.07	4.75	2.63	3.05	5.73	3.58	11.44	10.78	.99	1.93	.76	49.1
6.5	2.53	8.52	1.92	•27	3.23	3.83	9.25	5.54	3.30	.10	6.79	2.61	47.8
64	7.23	6.34	4.92	•56	3.49	2.87	6 • 8 5	6.12	2.48	3.25	.12	1.65	45.8
65	2.46	3.11	1.07	2.85	•47	9.06	15.55	4.59	8.08	1.55	•90	2.60	52.2
66	4.51	3.08	2.20	1.74	•95	* 4.20	6.05	4 • 8 5	5 • 83	1.89	-59	.79	*36.6
67	1.42	3.60	•76	•00	1.46	5.88	6.33	11.44	3.53	2.91	.21	1.82	39 • 3
68	.60	2.47	1.19	•63	6.19	11.05	9.84	5.15	7.59	3.78	3.26	.57	52.3
69	3.25	2.19	5.40	41	6 • D6	4.00	5.14	12.18	2.65	6.51	1.35	5.84	54.9
70	2.96	3.65	6.97	•42	4.61	4.95	3.99	~8.91	2.57	1.51	•53	1.19	42.2
71	• 56	5.00	.97	.91	2.86	1.78	6.16	8.62	10.27	4.96	1.84	1.03	44.5
72	. 93	5.56	2.28	•45	2.00	4.435	1.80	7.64	2.94	1.80	4.25	2.86	36.8
73	5.93	2.20	3.43	4.32	.81	1.99	9.59	7.65	7.02	• 35	1.40	7.15	51.8
74	•72	77	2.07	•63	1.47	17-23	5.16	9.22	5 . 82	.12	.13	3.39	46.7
75	1.45	2.45	1.49	•37	3.54	8.22	8.76	6.34	3.91	4.79	.46	•92	42.7
76	• 34	. 5.32	2.11	2.72	7.12	5.56	4 - 33	5.34	2.95	•66	2.46	1.32	35.2
77	2.31	2.62	.47	•37	2.24	4.40	8.61	4.69	5.27	•61	1.68	3.31	36.6
78	2.68	5.16	2.66	.43	3.78	3.52	5:61	9. 82	•76	•31	•03	3.19	37.9
MEAN	7	16-24		\$4	-	·							
S. D.	: = _				Ţ.,				-				
TOTAL OBS.			· · · · · ·		, ,		:-		,				

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC NOME O 88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC MONTHLY PRECIPITATION (FROM DAILY OBSERVATIONS) t 12810 MACDILL AFB FL STATION NAME 49-79 C TOTAL MONTHLY PRECIPITATION IN INCHES C ALL MONTHS MAY JUN. OCT. JAN. FEB MAR JUL AUG. NOV. DEC YEAR 79 3.05 5.52 1.29 .49 11.24 1.53 4.68 14.08 () () C C 0

2.267 2.941 2.985 1.602 3.102 4.857 7.046 7.213 5.722 2.488 1.660 2.387 1.939 1.864 1.954 1.459 2.578 3.412 3.535 2.915 3.010 1.927 1.596 1.949 930 930 930 900 930 900 930

4**

NOTE- * (BASED ON LESS THAN FULL MONTHS)

44.223 7.929 10956

MEAN

USAF ETAC AN AL OBES (OLA)

1 DATA PROCESSING BRANCH USAF ETAC AIR-MEATHER SERVICE/MAC

TOTAL CONTRACTOR OF THE PROPERTY OF THE PROPER

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION NAME YEARS

. 1						AM	OUNTS (III	NCHES)								404	HLY AMO	UNITE
PRECIP	NONE	TRACE	C)	02- 05	05 10	11 25	76 SC	51 1 00	1 01-2 50	2 51 3 00	5 01 10 00	10 01 20 00	OVER 20 00	PERCENT OF DAYS WITH	TOTAL NO.		(INCHES)	
SHOWFALL	NONE	TRACE	0.1-0 4	0514	1524	2534	3544	4364	4 5.10 4	10 5 15 4			OVER 30.4	MEASUR-	OF OBS.	MEAN	GALATEST	LEAST
SHOW- DEPTH	NOME	TRACE	1	2	3	4.6	7 12	13 24	25 36	37-48	49 60	41-130	OVER 120	444				
JAN	99.7	• 3													930	TRACE	TRACE	• 0
FEB	99.9	• 1													847	TRACE	TRACE	•0
MAR	100.0						!							•	930	•0	•0	•0
APR	100.0						i !								900	.0	•0	•0
MAY	100.0														930	•0	•0	: .0
אטנ	100.0												ļ		900	•0	.0	•0
Mr	100.0						ļ								930	•0	•0	. u
AUG	100.0									-	<u> </u>				930	.0	.0	•0
SEP	100.0							<u> </u>					<u> </u>		900	.0	•0	• 0
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AHNUAL	100.0	•0													10957	.0	><	> <

1210 WS 1084 0-15-5 (OLI)

ERRIQUE EDITIONS OF THIS FORM SEE OFFORETE

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

810 MAC

MACDILL AFB FL STATION NAME

49-79

YEARS

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0

2

£

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN,	FEB.	MAR.	APR	MAY	אטן.	JUL.	AUG	SEP.	ост.	NOV.	DEC	ALL MONTHS
49									• 0	• 0	• 0;	•0	
50 [• 0	• 0	• 0	• 0	• G	• 0	• 0	• 0;	•0	•0	• 0	•0	
51	• 0	TRACE	• 0	• 0	• 0	• 0	• 9	• 0	• 81	• 0	• 0	• 0 3	TRAC
52	• 0	• 0	• 0	•0	• 0		• 0	• C	• Oi	• 9:	• 0!	.0 !	
53	• 0	• 0	• 0	•0	• O,	• 0	• 0	• 0	• 0	• 0	• 0	• 0 3	
54	• 0;	• 0	• 0	•0	• 0	•0	• 0	• 0	• 0	• 9	• 0;	•0 (
55	• 0	• 0	• 0	• 0	• 0	- 1	• 0	• 0	• 0	• 0	• 0	.0	
56	• 0	•0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0;	• 0	•0	
57	• 0	• 0	• 0	•0	• 0	• 0	• 0	• D	• 0	• 0	• 01	•0	
58	• 0	• 0	• 0	•0	• 0		• 0	• 0	• 0	• 0	• 0	• 0 🐇	
59	• 0	• 0	• 0	•0	• 8	• 13	ل •	• 0	• 0	• 0	• 0	•0	
60	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 9	• Di	• 0	• 0	•0 }	
61	• 0	.0	• G	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	
62	• 0	• 0	• 0	•0	• 0	• 0	• 0	• 0	• 0	• 0	• 0	•0	
63	• 0	• 0	• 0	• 0	• C	• 0	• 8	• 0	• C	• 0	• 0	.0	
64	• 0	• 0	• 0	• 0	• 0		3 •	• 0	•0	• 0	• 0	.0	
65	TRACE	• 0	• 0	• 0	• 0	• 0	• 0	•0	• 0	• 0	• 8	•0	TRA
66	• 0	÷ 0	• 8	• 0	• 0	• 0	_ • 0	• 0	_•8	• 0	• 0	.0	
67	• 0	• 0	• G	• 0	• 0	• 0	• 0	6 G	• 0	•0	•0	.04	
68	• 0	• 6	• 0	• 0	• 0		• C	•£'	• 0	• 01	0	.01	
69	• D	-0	• 0	• 0	•0	•0	• 0	• 0	•0	• (4	• 0	•0	
70	• 0	• 0	-• D	• 0	0	• 0	• 0	• 0	•0	•0	•8	•0	
71	• 0	•0	•0	•0	•0	• 0	•0	•0	• 6	• 0	•0	• 0	
72	•0	•0	• C	• 0	• 0	•0	• 8	• 0	• 0	• 0	• 0	•0	
73	• 0	• 0	•0	• 0	.0		• 0	•0	-8	• U	•0	•0	
74	• 0	• 0	_ • O	• 0	•0		• 0	• 0	• 0	• 0	• 0	•0	
75	•0	- C	•0	•0	• 0	. •0	• 0	•0	•0	• 0	•0	•0	
76	_ •0	•0	• 0	• 0	•0	0	•8	• 0	•8	- 8	• 0	•0	
77	TRACE	•0	• Ū	•0	• 0	•0	• 0	•0	• 0	•0	• 0	•0	TRA
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TOTAL OBS.						. 1					1		

USAF ETAC AT ME O OB 3 (OTA)

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL STATION NAME

VEARC

24 HOUR AMOUNTS IN INCHES

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NOTE * (BASED ON LESS THAN FULL HONTHS)

IRAS STAT TOM - DOLE /OTAL

EXTREME VACCES

(FROM DAILY OBSERVATIONS)

MONTHLY SNOWFALL

12810

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1.

MACDILL AFB FL STATION NAME

49-79

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH	JAN,	FEB	MAR.	APR.	MAY	אטן	JUL	AUG.	SEP.	ост.	NOV.	DEC.	ALL MONTHS
49				;					•0,	• 0	•0;	.0;	
50 [• 0	•0	• 0	•0	• 0	• 0				• 0	• 0!	•0	
51	• 0	TRACE	• 0	.0	• 87	• 0	• 0	• C,	• 8	• 0:	• 0;	•0	TRACE
52 (• 0	•0	• 0	•0	• 0	• 0		•0	• 0	• 9'	• 01	•0 }	
53	• 0	• D	• 0	. ,	• 0			• 0		• 0	• 9	•0	•1
54	• 0	• B	• 0		• B	•0		• 0		• 01	•0;	•0	• !
55	• 9	• 0	•		• 0	•0				• 0	• 01	•0	• !
56	• 0	•0		•0	• 0	•0		• D		•0;	•0:	•0	1
57	• 0	• 0			• 8	•0		• 0		• 0	• 0:	•0	•1
58	•0	•0	• 0		• 0	0 		0 •		•0	• 0	•0,	• 1
59	• 0	• 0	• 0	• 0	• 0	•0	•8	• 0		• G	•0	• 0 \$	•(
50	•0	• 0	- 8	•0	•0	•0				•0	•0	•0	
61	• 0	• 0	• 0	• 0	• 0	•0	•	• 0		• 0	• 0	•0	•
62	•0	•0	- 0	•0	•0	•0	• 0	• D	•0	• 9!	• 0	•0	•
63	• 0	• 0	• 0	•0	• 0	•0	• G	• 0	• 0	•0	• 0	•0	• !
64	• 0	•0	•0	•0	• 0	•0	• 0	• D		•0	•0	.01	۱
65	TRACE	• 6	• 0	•0	•0	•0	: i	• 0	• 0	• 0	• 0	.0	TRACI
66	• 0	• 0	•0	•0	• 0	•0		• 0		•0	•0	•0	
67	• 0	•0	• 0	• 0	• 0	•0		• 0		• 91	.0	•0	•
68	• 0	•0	•0	•0	•0	•0		• 8		و ا	•0	•0	•
69	• 0	• 0	¢ 0	•0	• 0	•0		• 0		• 0	• 0	-0	•!
70	• 0	•0	•0	•0	•0	•0		•0	•0	•0	•0	.0	•1
71	• 0	• 0	•0	•0	• 0	•8		• B	• 0	• 0	• Q	•0	•!
72	• 0	نا •	• 0	• 0	• U	•0		• 0	• D	• 0	•0	•0	•1
73	• 0	• 0	6 0		- 9	•0	, ,	• Đ		• 0	• 0	.0	•
74	•0	• 6	• 8		• 0	•0		•0	•0	•0	•0	.0	• 1
75	• 0	•0	• 0	•0	• 0	•8		• 0	• 0	• 0	• 0	•0	•
76	• 0	•0	•0	•0	. •0	•0		• 0	•0	•0	•0	•0	TRA
77	TRACE	• 0		: 1	• 0	• 0		•0	•8	• 8	• 0	.0	
78	0.	• 8	•0	•8	•0	•0	.0	•8	•0	•0	•0	.0	• !
MEAN .	T b -		-1.5		47.1	-7.3	.			i			
S. D.	`			1									
TOTAL OBS.						-					F	- 1	

NOTE * (BASED ON LESS THAN FULL MONTHS

- USAF ETAC TOM DOES (OLA)

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O.

MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL 49-79
STATION NAME

TOTAL MONTHLY SNOWFALL IN INCHES

EAR	JAN.	FEB.	MAR.	APR	MAY	אטנ ;	JUL.	AUG	SEP	ост.	NOV.	DEC.	ALL MONTHS
79	• 0	• 5	• 0	•0	• 0	• 0	• 0	• 0	•			NOTE OF THE PERSON	
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MEAN	TRACE	TRACE	.00	•00	.00	.00	•00	.00	.00		.80	•00	TRA
S.D.	• 000	000	-000 -::930	•000 •900	•000 930	•000 900	930		.000 900	•000 930	•000 900	9301	109

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC ROM GRES (OLA').

1 DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

DAILY AMOUNTS

PERCENTAGE PREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

12810 HACDILL AFB FL 49-79
HATION STATION NAME YEARS

			<u> </u>			AM	ון צזאטס	NCHES)								400	THLY AMO	
PRECIP.	HONE	TRACE	C)	02 05	06 10	, 11 25	26 50	51 1 00	101250	2 51 5 00	5 01 10 00	10 01 20 00	OVER 20 00	PERCENT OF DAYS WITH	TOTAL NO.	MUN	(INCHES)	
SHOWFALL	MONE	TRACE	0104	0514	1524	2534	3344	4504	03104	10 2 13 4	15 5 25 4	23 5 50 4	OVER 50 4	MEASUR-	OF OBS.	MRAN	GMEATEST	LEAST
WOW.	MOME	TRACE	1	2)	4.5	712	13 24	25.30	37.48	49 60	61-120	OV28 120	AMTS			O Lancisi	
MAL	100.0														930			
res	100.0								i						847			;
MAR	105-0													,	930			
APR	100-0														900			
MAY	100.0														930			
MM	100.0														900			
M	100.0				Ĺ	<u> </u>	<u> </u>								930			
AUG	100.0														930			
547	100-0														900			
	iợò.c		•												930			•
HOV	100.0		Trail subsequents												900			
DEC	100.0														930			
ANNUAL	100.0														10957		X	\times

1210 WS NL 44 0:15-5 (OLI)

PREVIOUS EDITIONS OF THIS FÖRM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC **EXTREME VALUES** AIR WEATHER SERVICE/MAC SNOW DEPTH (FROM DAILY DESERVATIONS) 12810 HACDILL AFB FL STATION NAME 49-79 DAILY SNOW DEPTH IN INCHES £ MONTH ALL MONTHS JAN. SEP. OCT NOV. 51 0 0 O: 0: 0 Ð 0 O: G: 0 o, 52 0 0 0 0; 0: 0 **D** } 53 0 0 0 J 54 9 0 0 0 O O: 0 11 n ſŧ U, 55 0 0 0 0 D: 0 01 0 9; 0 5 0 o 0 56 91 0 o! 0 ۵. D: n. 0 } 57 0 0 0 0 0 0 0 Oi 0 0 D: O

58 D o יַנ 0 3 0 Ci 0 59 0 O 0 O n 0: 9 8 9 D; Di 0 O 0 60 0 0 0 3 61 0 0 C 0 زرا 0 0 0 0 미 0 0 0 0 0 6 O I 62 Đ, 0 0 0 0 [Gi o B 0 0 0 o! 0 64 οi 0 D 65 0 0 0 0 0 9 66 O. 0 0 0 67 D 0 0 0 O Ð 0 0 O 0 68 0 0 0 0 G O 69 ס 0 0 0 ; 70 O F 71 0 0 Di O 0 0 0 0 72 0 0 0 0 ۵ 7.3 8 0 O 0 o o C o l 74 O. 0 0 D 75 0 O O C c 76 D ol 0 ō 77 :0 78 0 MEAN \$. D.

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NOTE * (BASEQ ON LESS THAN FULL MONTHS)

USAF ETAC NOW 0405 (OLA)

TO THE WAY OF GLOBAL CLIMATOLOGY BRANCH USAFETAC **EXTREME VALUES** AIR WEATHER SERVICE/MAC SNO# DEPTH IFROM DAILY OSSERVATIONS 12810 MACDILL AFR FL STATION NAME 49-79 E, DAILY SNOW DEPTH IN INCHES MONTH ALL MONTHS JUN. ' JUL. JAN. FEB. MAR. DEC. O; 0: Ð; G Ð, D, € MEAN 900 -080 .000 .000 .000 .000 .000 .000 . 900 .000 .000 .000 •000 TOTAL OBS. 847 ...930 93DL ... 900 930 93G NOTE * (BASED ON LESS THAN FULL MONTHS)

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compacts points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Heans and standard deviations are also computed when four or more values are present for any column. A total rew count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Resufort classifications. Tercentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A seprete category is provided on the form for variable winds, which are reported in some data sources. In the data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarised in the appropriate groups opposite the column headed WREL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual all hours combined, (2) By month all hours combined, and (3) By month by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUCTURE CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

* Values for means and standard deviations do not include measurements from incomplete months.

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EXTREME VALUES

SURFACE WINDS

(FROM DAILY OSSERVATIONS)

12810 MACDILL AFB FL STATION NAME

2

DAILY PEAK GUSTS IN KNOTS

53 NNW 36WSW 49N 46SSW 49NE 32SSE 44SSW 32SE 43SSW*40NE 53N 36N 43 NE 54 NNW 43NW 60NW 46S 45S 44NNE 26NNW 36NNW 40SE 42N 36NNW 36NE 32 NW 55 NNW 39NW 41NW 41SSE 33NNE 315W 32S 39SSW 50NE 44SW 38S 45N 59 56 NW 44WS 36NW 39SSW 48SSE 35SSE 37SSW 44S 35SW 36SW 35SW 22NW 30 57 NW 24NNW 22SW 45N 26ENE 25S 31MSW 23E 25ENE 25ENE 18MNW 24NW 30 SW 58 SSE 32MNW 30MNW 26NW 38NW 30E 25SE 25ENE 25ENE 25ENE 18MNW 24NW 30 SW 69 S 36SSW 26NW 30N 26S 27S 36ESE 36SE 26E 28W 24SSE 37NW 24 SS 60 W 20M 30S 37SSW 32W 22ENE 24SSW 43E 40NW 75SW 25NE 20MNW 31 NW 61 NNN 33W 22NW 31SW 36WSW 25SE 28SE 32SSW 28NE 27S 19ENE 24SE 29SSE 25NN 28NW 37 NW 62 MSW 30NNW 25N 36SSW 23NE 28MSW 27S 19ENE 24SE 29SSE 25NN 28NW 37 NW 63 W 32S 65WSW 45W 30E 26E 38NE 58E 33SSW 41ENE 28NNW 32E 33 S 64 NW 34S *30W 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 MNW 30S 35WS 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 66 NNW 36SW 42W 30W 37SSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 67 NNW 30SSW 37NE 29SSE 32SW 28S 34W 36CE 36NNE 29S 26NNE 24 S 68 "SW 26MNW 38S 32WNW 25S 32E 37SW 28S 35SSW 26MNW 30E 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 34W 36CE 36NE 29S 26NNE 21NNW 36 SS 69 "SW 26MNW 38S 32WNW 25S 32E 37SW 28S 36SW 26NNE 24 SENNE 23DI 37SW 29S 26NNE 24 SENNE 23DI 3	MONTH YEAR	MAL	2 .	FE	8	M	NR	AP	R	MA	NY	JU	N.	JU	n	AUG	3.	-58	P	000	T.	МО	v	D	EC.	ALL	ıs
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52 NNW 38 NNW 43 S 36 NSW 45 S M 33 E NE 34 S E *50 NSW 37 E 32 NNE 54 NNW 32 S M 38 NNW 53 NNW 36 NSW 49 NNE 32 S E 48 S W 32 S E 48 S W 40 NE 54 NNW 36 NN 46 M 45 M 44 NNE 26 NNW 36 NNW 40		ENE	27	ENE	27	SW	33	NNW	30	ENE	33	NE	33	SE_	42	SE	40	5 W	*48						<u> </u>		
53 NNW 36NSW 49N	3	4							i														1		- ti		
54 NNW 43NM 60NW 46S 45S 44NNE 26NNW 36NNW 40SE 42N 36NNW 36NE 32 NW 55 NNW 39NW 41NW 41SE 33NNE 31SW 32S 39SSW 50NE 44SW 38S 45N 39 SSI 55 NNW 444S 38NW 39SSW 48SSE 35SSE 37SSW 44S 35SW 36SW 35SW 22NW 30 SSI 57 NW 24NNW 22SW 45N 26ENE 25S 31NSW 23E 25ENE 25ENE 18WNW 24NW 30 SSW 58 SSE 32NNW 30NNW 26NW 36NW 30E 25NE 20SSE 45SE 25NNE 22N 185 20 SSI 58 SSE 32NNW 30NNW 26NW 36NW 30E 25NE 20SSE 45SE 25NNE 22N 185 20 SSI 59 S 36SSW 26NW 30N 26S 27S 36SSE 26E 28W 24SSE 37NW 24 SSI 60 W 20W 30S 37SSW 32W 22ENE 24SSW 43E 40NW 75SW 25NE 20MW 31 NW 61 NNW 33W 62NW 34SW 36MSW 25SE 28NSW 27S 19ENE 24SE 29SSE 25NNE 28NW 37 NW 62 WSW 30NNW 25NW 36SSW 23NE 28MSW 27S 19ENE 24SE 29SSE 25NNW 28NW 37 NW 64 NW 34S 55NSW 45NW 26W 25NSW 28S 44SSE 35NSW 28NE 45ENE*30NW 33W 27 NE 64 NNW 36SW 42W 30N 37SSW 28S 44SSE 25NSW 28NE 45ENE*30NW 33W 27 NE 65 NNW 30E 36W 32SE 29ENE 24SSE 41SSE 35SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 54SSE 25SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 34W 36SE 35SW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 34W 36SE 35SW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 34W 36SE 35SW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28S 34W 36SE 35SW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 37SSW 28SW 28SW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30N 30SW 35SE 26NN 28NW 28NW 28NW 2						·												<u> </u>								NNE	
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57 NW 24NNW 22SW 45N 26ENE 25S 31WSW 23E 25ENE 25ENE 18WNY 24NW 30 SW 58 SSE 32MNW 30WNW 26NW 36WW 30E 25NE 20SSE 45E 25NE 22N 185 20 SSI 59 S 36SS 26NW 30NW 26S 27S 36ESE 36SE 26E 28W 24SSE 37NW 24 SSI 60 W 20W 30S 37SSW 32W 22ENE 24SSW 43E 40NW 75SW 25NE 20NW 31 NW 61 NNW 33W 42NW 34SW 36WSW 25SE 28SE 32SSW*20N *36NC *27NSW*31NW *28 W 8SW 30NNW 25N 36SSW 23NE 28MSW 27S 19ENE 24SE 29SSE 25NW 28NW 37 NW 62 W 8SW 30NNW 25N 36SSW 23NE 28MSW 27S 19ENE 24SE 29SSE 25NW 28NW 37 NW 63 W 32S 65WSW 45W 30E 26E 38NE 58E 33SSW 41ENE 28NNW 32E 33 S 64 NW 34S *30W 26N 25MSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 WSW 30W 30E 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 WSW 30W 30E 36W 32SE 29SSE 24SSE 41SSE 35SSW 26NE 45ENE*30NW 33W 27 NE 66 NNW 30SSW 37NE 29SSE 32SW 28S 54SSE 25SSW 26NNW 30E 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 54SSE 25SSW 26NNW 30E 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 54NS 26WNW 36C 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32EW 28S 54NS 26WNW 36C 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32EW 28S 54NS 26WNW 36C 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32EW 28S 54NS 26WNW 36C 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32EW 28S 54NS 26WNW 36C 27NW 33NW 29 E 7 NE 7					_	,			1	–				-	- 1					1	:	_			- 9	SS¥	50
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59 S 365SW 26NW 30N 26S 27S 36ESE 36SE 26E 28W 24SSE 37NW 24 SSE 60 W 20W 30S 37SSW 32W 22ENE 24SSW 43E 49NW 755W 25NE 20MNW 31 NN 61 NNN 33W 42NW 34SW 36MSW 25SE 26SE 32SSW*28N *36NE *27MSW*31NW *28 W 62 MSW 30NNW 25N 36SSW 23NE 28MSW 27S 19ENE 24SE 29SSE 25NW 28NW 37 NW 63 W 32S 65NSW 45N 30E 26E 38NE 58E 33SSW 41ENE 28NNW 32E 33 S 64 NN 34S *30W 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 MNW 30E 36W 32SE 29ENE 24SSE 41SSE 35SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 30SW 37NE 29SSE 32SW 28S 34N 36SE 36NNE 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 37144 36137 36 97 36184 47207 46307 35 18 69 137 23277 40187 35 77 28 8* 42147 37107 40197 4012* 32117 31337 39327 37 70 267 32237 38247 32147 31107 33257 45227 34147 32 37 34 47 24337 25197 27 25 71 17 27217 43297 40217 34237 30167 34197 42 5* 44 77 73217 30 57 25 57 33 7 74 57 23217 32337 24 97 26 77 30167 48127 37 87 55177 26 67 30297 28117 30 8 75 327 23217 28277 34257 34157 37347 34267 34187 46227 34267 38337 28107 27 18 76 32* 32267 31277 31347 34117 48267 36347 34257 30 97 21217 28247 21317 28 11 77 217 31237 40 47 21327 29307 22 77 45187 50 97 35197 36 57 24327 23357 26 18 AEAN S.D.			1				45	7				i-				_							- 1		1		45
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63 W 32S 65WSW 45W 30E 26E 38NE 58E 33SSW 41ENE 28NNW 32E 33 S 64 NW 34S *30W 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 MNM 3UE 36W 32SE 29ENE 24SSE 41SSE 35SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30W 37SSW 28E 54SSE 25SSW 26MNW 30E 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 34W 36SE 36NE 29S 26NNE 21NNW 36 68 'SW 26MNW 38S 32MNW 25S 32E 3714/ 3613/ 36 9/ 3618/ 4720/ 4630/ 35 18 69 13/ 2327/ 4018/ 35 7/ 28 8* 4214/ 3710/ 4019/ 4012* 3211/ 3153/ 3932/ 37 8: 70 26/ 3223/ 3824/ 3214/ 3110/ 3325/ 8522/ 3414/ 32 3/ 34 4/ 2433/ 2519/ 27 25. 71 1/ 2721/ 4329/ 4021/ 3423/ 3016/ 3419/ 42 5* 44 7/ 7321/ 30 5/ 25 5/ 33 7 72 3/ 2432/ 3721/ 48 5/ 27 3/ 40 9/ 3910/ 35 8/ 3355/ 29 5/ 3323/ 3021/ 44 21 73 21/ 3530/ 3430/ 4217/ 4033/ 40 5/ 40 6/ 36 7/ 4214/ 32 6/ 29 3/ 2626/ 36 30 74 5/ 2321/ 3233/ 24 9/ 26 7/ 3016/ 4812/ 37 8/ 5517/ 26 6/ 3029/ 2811/ 30 8 75 32/ 2921/ 2827/ 3425/ 3415/ 3734/ 3426/ 3418/ 4622/ 3426/ 3833/ 2810/ 27 18 76 32* 3226/ 3127/ 3134/ 3411/ 4826/ 3634/ 3425/ 3U 9/ 2121/ 2824/ 2131/ 28 11 77 21/ 3123/ 40 4/ 2132/ 2930/ 22 7/ 4518/ 50 9/ 3519/ 36 5/ 2432/ 2335/ 26 18 NW 30/ 3716/ 2812/ 2630/ 2321/ 41 1/ 4336/ 3U 5/ 4016/ 31 9/ 21 4/ 1924/ 37 1	61	NNN	33	X	42	NW	34	SW	36	N S W	25	SF.	28	SE	32	SSW	28	N	*36	NE :	*27	WSW	×31	ИM	*28	W	42
64 NW 345 *30W 26N 25WSW 28S *48SE 25NW 30SW 35SE 26NNW 26NNE 24 S 65 WNW 30E 36W 32SE 29FNE 24SSE 41SSE 35SSW 28NE 45ENE*30NW 33W 27 NE 66 NNW 36SW 42W 30W 37SSW 28E 54SSE 25SSW 26MNW 30E 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 34W 36SE 36NE 29S 26NNE 21NNW 36 SS 68 'SW 26MNW 38S 32WNW 25S 32E 3714/3613/36 9/3618/4720/4630/35 18 69 13/2327/4018/35 7/28 8* 4214/3710/4019/4012*3211/3153/3932/37 8 70 26/3223/3824/3214/3110/3325/4522/3414/32 3/34 4/2433/2519/27 25 71 1/2721/4329/4021/3423/3016/3419/42 5* 44 7/7321/30 5/25 5/33 7 72 3/2432/3721/48 5/27 3/40 9/3910/35 8/3335/29 5/3323/3021/44 21 73 21/3530/3430/4217/4033/40 5/40 6/36 7/4214/32 6/29 3/266/36 30 74 5/2321/2827/3425/3415/3734/3426/3418/4622/3426/3833/2810/27 18 75 32/2921/2827/3425/3415/3734/3426/3418/4622/3426/3833/2810/27 18 76 32* 3226/3127/3134/3411/4826/3634/3425/30 9/2121/2824/2131/28 11 77 21/3123/40/4/2132/2930/22 7/4518/50 9/3519/36 5/2432/2335/26 18 30/3716/2812/2630/2321/41 1/4336/30 5/4016/31 9/21 4/1924/37 1	62	WSW	30	NNW	25	N	36	SSW	23	NE	28	MSW	27	S	19	ENE	24	SE	29	SSE	25	MM	28	NW	1	NW	31
65	63	W	32	S	65	WSW	45	¥	30	E	26	E	38	NE	58	E	33	SSW	41	ENE	28	MNM	32	E	33	\$	65
66 NNW 36SW 42M 30W 37SSW 28E 54SSE 25SSW 26WNW 3DE 27NW 33NW 29 E 67 NW 30SSW 37NE 29SSE 32SW 28S 34W 363E 36NE 29S 26NNE 21NNW 36 SS 68 'SW 26WNW 38S 32WNW 25S 32E 3714/ 3613/ 36 9/ 3618/ 4720/ 4630/ 35 18 69 13/ 2327/ 4018/ 35 7/ 28 8* 4214/ 3710/ 4019/ 4012* 3211/ 3133/ 3932/ 37 70 26/ 3223/ 3824/ 3214/ 3110/ 3325/ 4522/ 3414/ 32 3/ 34 4/ 2433/ 2519/ 27 25 71 1/ 2721/ 4329/ 4021/ 3423/ 3016/ 3419/ 42 5* 44 7/ 7321/ 30 5/ 25 5/ 33 7 72 3/ 2432/ 3721/ 48 5/ 27 3/ 40 9/ 3910/ 35 8/ 3335/ 29 5/ 3323/ 3021/ 44 21 73 21/ 3530/ 3430/ 4217/ 4033/ 40 9/ 3910/ 35 8/ 3335/ 29 5/ 3323/ 3021/ 44 21 74 5/ 2321/ 3233/ 24 9/ 26 7/ 3016/ 4812/ 37 8/ 5517/ 26 6/ 29 3/ 2626/ 36 30 75 32/ 2921/ 2827/ 3425/ 3415/ 3734/ 3426/ 3418/ 4622/ 3426/ 3633/ 2810/ 27 18 76 32* 3226/ 3127/ 3134/ 3411/ 4826/ 3634/ 3425/ 3C 9/ 2121/ 2824/ 2131/ 28 11 77 21/ 3123/ 40 4/ 2132/ 2930/ 22 7/ 4518/ 50 9/ 3519/ 36 5/ 2432/ 2335/ 26 18 78 30/ 3716/ 2812/ 2630/ 2321/ 41 1/ 4336/ 30 5/ 4016/ 31 9/ 21 4/ 1924/ 37 1	64	NK	34	S 2	# 30	¥					28	S	*48	SE	25	NW	30	SW	35	SΕ	26	MNN	26	NNE	1	_	* 48
67 NW 30SSW 37NE 29SSE 32SW 28S 34W 36SE 36NE 29S 26NNE 21NNW 36 SS 68	65	MNM	30	E	36	V	32	SE	29	ENE	24	SSE	41	SSE	35	\$\$W	28	NE	45	ENE	*3U	NW	33	id	27	NE	45
68	66	NNW	36	S₩	42	M	30	W	37	SSW	28	E	54	SSE	25	SSW	26	MNM	30	E	27	NW	33	NW	29	E	54
69	67	NW	30	SSW	37	NE	29	SSE	32	SW	Z8	S	34	W	36	SE	36	NE	29	S	26	NNE	21	INW	36	SSW	37
70	58	rsw	26	MHM	38	S	32	MNH	25	5	32	E	37	14/	36	13/	36	9/	36	18/	47	20/	46	30/	35	18/	47
71	67	13/	23	27/	40	18/	35	71	28	*8	42	14/	37	10/	40	19/	40	12*	32	11/	31	33/	39	32/	37	8*	42
72	70	26/	32	23/	38	24/	32	14/	31	10/	33	25/	45	22/	34	14/	32	3/	34	4/	24	33/	25	19/	27	25/	45
73	71	17	21	217	43	291	40	21/	34	237	30	167	34	19/	42	5*	44	71	73	21/	30	5/	25	57	33	7/	7.
74	72	3/	24	32/	37	21/	48	5/	27	3/	48	9/	39	10/	35	8/	33	35/	29	5/	33	23/	30	21/	44	21/	48
75	73	217	35	307	34	30/	42	177	40	337	40	57	40	61	36	77	.42	14/	32	61	29	3/	26	26/	36	30/	42
76	74	5/	23	21/	32	33/	,24	. 9/	26	7/	30	16/	48	12/	37	8/	55	17/	26	6/	30	29/	28	11/	30	8/	55
77 21/31/23/40 4/ 21/32/ 29/30/ 22 7/ 45/18/ 50 9/ 35/19/ 36 5/ 24/32/ 23/35/ 26 18 78 30/ 37/16/ 28/12/ 26/30/ 23/21/ 41 1/ 43/36/ 30 5/ 40/16/ 31 9/ 21 4/ 19/24/ 37 1 MEAN S.D.	75	32/	29	217	28	277	34	257	34	157	37	347	34	26/	34	18/	46	227	34	267	38	337	28	10/	27	18/	46
78 30/ 3716/ 2812/ 2630/ 2321/ 41 1/ 4336/ 30 5/ 4016/ 31 9/ 21 4/ 1924/ 37 1 AEAN S.D.	76	32*	32	26/	31	271	31	34/	34	11/	48	26/	36	34/-	34	25/	3 C	9/	21	21/	28	24/	21	31/	28	11/	48
MEAN	77	217	31	237	40	47	21	327	29	307	72	77	45	18/	50	9/	35	197	36	57	24	327	23	357	26	187	-57
S D.	78	30/	37	16/	28	12/	26	30/	23	21/	41	1./	43	36/	30	5/	40	16/	31	9/	21	4/	19	24/	37	1/	43
S D.	MEAN		-		_				~	· (;	7 .	-	-	-			-					-	_			-	
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TOTAL OBS FI 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL OBS	 				 		 	_			1															

NOTES * (BASED ON LESS THAN FULL MONTHS)

\$ (BASED ON LESS THAN FULL HONTHS AND +100 KNOTS)

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

12810

MACDILL AFB FL STATION NAME

49-79

YEARS

- Jaily PEAK GUSTS IN KNOTS

MONTH	JAN	.	FEB		MAR.	1	APR	١	MAY	i	MUL		JUL	AUG		SEP	OCT.	NOV	DEC	ALL MONTHS
79	20/	37	29/ 3	13:	3/ 3	3 3 1	11/	26	24/	38	2/ 3	115.	/ 38	23/ 4	9					
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44544			₹36.	-	7.6	-	. 73			- 6	36.	<u> </u>	72 11	36.		9 ():		29.0	31.8	
MEAN S. D.			9:76										35.4				30.7 9.133			9.9
TOTAL OBS.											84		891							

ISAF STAC-POM GAS (OTA')

S (BASED ON LESS THAN FULL MONTHS)

C

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		******	M NAME					,	TEARS			•	ORTH
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SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SP
N	6.6	5.5	3.7	•5								16.2	4
NNE	2.9	4.4	3.2	.4								11.0	5
NE	2.5	3.5	2.9	.9								9.8	5
ENE	1.9	3.5	4.5	• 3	•1							13.4	6
E	1.7	4.6	1.7								· · · · · ·	8.1	4
ESE	1.2	1.8	1.0									4 • D	5
SĒ	.4	1.8	1.3	. 4								4.0	6
SSE	. 9	1.0	1.1	1								3.0	5
S	1.2	2.2	• 6	• 4	• 1							4.5	5
SSW	. 8	.8	• 3	•2								2.0	4
\$W_	• 1	• 3	- 1									• 5	4
WSW	• 3	• 1	L	<u></u>								• 4	3
	•5	.3	• 6	.6						<u> </u>		2.2	<u></u> ?
WNW	- 5	. 4	.6	.4		<u></u>		L				2.0	7
NV/	• 5	.4	1.5	.5			<u></u>					2.7	8
WMM	1.5	1.7	2.3	.6	•1							6.2	6
VARBL	Ļ				ļ		<u> </u>						<u></u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$		><	12.9	
	23.2	32.5	25.5	5.6	• 3					1		100.0	5

68-70,73-79

USAFETAC FORM Q-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

Contract the state of the state

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

930

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDI	ILL AFB	FL			_	68~	70,73-	79					A N
STATION			STATIO	M NAME						EARS				HONTH
						ALL WE	ATHER						0300	-0500
	i	_				C	JA 56						HOVE	S (L.S.T.)
	1	-				CON	DITION							
	•													
		_												
	SPEED													MEAN
	(KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	WIND
	DIK.	<u> </u>		<u> </u>						ļ				
	N	3.8	6.2	4.3	• 9	 							15.2	5.5
	NNE	4.8	5.1	3.9	.4								14.2	5.1
	NE	2.4	4.7	3.5	.8		L						11.4	5.9
	ENE	1.6	3.4	3.0	•2	<u> </u>		L					8.3	5.8
	E	1.9	4.8	1.3	•2								8.3	4.8
	ESE	• 5	2.8	1.7	•3								5.4	6.2
	SE	• 8	1.7	1.3	•2								4.0	6.2
	SSE	• 9	1.6	1.6	• 3	I							4.4	6.5
	\$	1.0	•9	• 9	• 5						T		3.2	6.4
	SSW	• 3	•9	•2	•4				T				1.8	5.6
	sw	•1	• 5	•2									• 9	5.0
	WSW	• 4	•2							1			• 6	3.2
	w	•4	.3	• 3	•1]						1.2	5.6
	WNW	•8	•1	• 3	.4	•3					j		1.9	8.4
	NW	•9	•9	.8	1.0	•1	•1						3.7	8.2
	NNW	•6	1.4	1.3	•2	·							3.5	6.2
	VARBL	1			,					<u> </u>				
	CALM												12.C	
		\leftarrow												
	1	21.2	35.6	24.6	6.0		1 .	1	1	1	1	1	100.0	6.1

FORM O.S.S. (OL. A.) PREVIOUS SOUTHERS OF THE TORN ARE CASCUSTS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68-70,73-		JAN
STATION	STATION NAME		YEASS	MONTH
		ALL WEATHER		0600-0800
	 	CLASS		MOVES (L.S.T.)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.3	5.4	3.2	- 6_								14.5	5.1
NNE	4.1	5.5	3.7	• 2								13.5	4.9
NE	2.2	4.1	4.2	1.4				1				11.8	6.5
ENE	3.0	4.1	2.8	•3								10.2	5.8
E	2.9	4.6	1.1	•2								8.8	4.5
ESE	1.2	2.5	• 9									4.5	4.8
SE	1.0	1.9	2.3	.4								5.6	6.6
SSE	.9	1.6	2.4	•£		• 1	ļ					5.5	7.3
\$	•8	1.4	1.0	. 4	•1							3.7	6.8
SSW	• 3	•6	•2									1.2	5.0
SW	•2	•2	•1	i		İ					I	• 5	4.6
WSW	•2	• 5					i					•8	4.0
w	•3	• 3	• 3	•1			1		1	1		1.1	6.3
WNW	•2	•2	.4	•1			1		1	1		1.0	7.9
NW	•1	• 4	•5	1.6	•3							3.D	12.0
NNW	. 8	• 9	1.3	•6			l		T			3.6	7.3
VARBL												H	1
CALM	\times	$\geq \leq$	\geq	\boxtimes		\boxtimes	$\geq \leq$	\geq	\geq	\boxtimes	\geq	10.7	
	23.4	34.3	24.3	6.8	.4	1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68-70,73-79	UAL
HOLTATE	STATION NAME	TEARS	HORTH
		ALL WEATHER	0900-1100
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.4	4.1	6.9	•5							i	12.9	5.9
NNE	1.4	2.8	4.5	• 5								9.2	6.6
NE	• 3	2.4	6.8	2.7				i				12.2	8.7
ENE	1.2	2.7	5.1	2.2				1				11.1	8.1
Ε	1.0	3.1	2.4	• 3			Γ					6.8	6.1
ESE	•8	2.0	3.2	•2						i	i	6.2	5.7
SE	1.1	2.2	3.3	•9								7.4	6.9
SSE	1.0	3.7	1.2	1.2					 			7.8	6.5
S	1.7	1.8	1.6	• 9			T					6.0	6.4
SSW	•5	1.3	1.0	• 8	,1							3.7	7.6
sw	•2	•5	54	•3			i	i — —				1.5	7.2
WSW	•5	•5	• 1	•1				i — — —				1.3	4.7
w	•5	. 4	•5	• 2	•1	•1	i —					1.9	3.0
WNW	.3	•6	• 3	•4	•2	i						1.9	8.7
NW	•2	•4	1.1	1.2	•1							3.0	9.8
NNW	•2	1.0	2.0	1.3				l	i			4.5	8.8
VARBL	ľ							ļ ———					
CALM	$\geq \leq$	\geq	\geq	\boxtimes	> <	\times	\boxtimes	\times	$\supset <$	> <	> <	3.3	
	12.4	29.6	40.4	13.7	•5	• 1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

938

USA: ETAC FORM 0-8-5 (OL-A) FELVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	-				ALL WE	ATHER						1200
	-				501	DITION				 -		
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	. 9	2.4	2.6	.6								6.5
NNE	5	1.6	2.9	•3						<u> </u>		5.4
NE	• 5	.8	3.8	1.9								7.0
ENE	•1	1.4	3.1	1.5								6.2
E	• 3	1.7	3.1	1.3								6.5
ESE	.1	.3	1.6	•2				L				2.3
SE	•2	1.9	1.8	•2								4.2
SSE	2.2	2.3	1.7	•5								6.7
<u> </u>	1.2	2.3	2.5	1.3	•2							7.4
SSW	•5	1.7	2.9	1.8	-4				<u></u>			7.4
SW	. 9	2.2	1.5	•6				<u>i </u>	L			5.2
wsw	1.7	2.9	. 4	.1								5.2
w	2.5	4.1	• 3	•6	.1					<u> </u>		7.7
WNW	.2	1.2	1.4	•3	•2	<u> </u>					<u> </u>	3.9
NW	.5	1.4	3.7	1.6	•3	<u> </u>					<u> </u>	7.5
NNY?	.4	3.3	4.0	1.7	•3			<u> </u>				9.8
VARIEL	1				L	<u> </u>						
CALX	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.3
	ii											

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CREOLET

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 MACDILL AFB FL 68-70,73-79 JAN ALL XEATHER 1500-1760 SPEED MEAN (KNTS) DIR. 7 - 10 11 - 16 WIND .4 N 1.6 1.6 • 2 3.9 6.3 2.5 • 3 1.7 • 3 6.8 • 1 1.9 3.2 .9 8.4 NE ENE -8 3.2 1.0 6.5 7.9 • 9 2.3 4.5 9.4 • 1 • 5 ESE • 9 1.5 6.1 SE • 3 • 9 1.0 2.3 6.6 •1 SSE • 4 • 3 1.5 5 • 9 4.4 8.8 2.9 3.3 1.5 8.5 8.1 SSW 1.3 2.7 5.6 1.1 10.8 7.3 SW 1.5 • 8 3.0 4,9 5.4 WSW •1 2.4 3.1 1.0 6.8 5.0 •2 •1 w 1.6 WNW • 6 1.9 1.2 5.8 8.7 4.7 5.8 3.3 14.9 8.6 NW • 6 • 4 11.1 NNW 4.9 7.4 VARBL CALM

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

100.0

930

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

1839-2300

100.0

930

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

68-79,73-79

				·	CON	BITION				_		
	-						· <u></u>					
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	4.1	4.0	1.5	.3								9.
NNE	2.3	3.7	1.8	•2				I				8.4
NE	•6	2.3	1.2	•8								4.0
ENE	• 1	2.5	2.3	•5	• 3							5.
E	• 5	1.5	1.9	• 1						1		4.
ESE	• 3	• 9	. 4									1.0
SE	• 3	• 9	_ • 2									1.
SSE	. 9	• 4	. 4	• 2								1.
S	• 3	.8	1.5	•6								3.
SSW	1.2	2.9	1.7	• 1								5.
\$W	- 8	3.7	• 5	1								5.
WSW	1.5	1.4	_ •1									3.
w	1.9	• 9	2	.4		L						3.
WNW	.9	2.0	1.3	• 9								5.
NW	2.7	4.9	2.8	1.7	• 3							12.
NNW	3.3	6.1	5.4	•6	•2				1			15.
VARSL												
CALM												8.

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	ACDILL AFB FL 68-70,73-79				
STATION	STATION MANE	TEAMS	KTHOM			
		ALL WEATHER	2100-2300			
		CLASS	HOURS (L.S.T.)			
		COMPITION				

SPEED (KNTS) DIR,	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	6.9	5.3	2.7	. 4								16.3	4.4
NNE	3.3	3 • 8	1.9	. 4								9.5	5.2
NE	1.8	3.2	2.4	- 5								5.0	6.8
ENE	1.0	3.3	3.0	1.6					I			8.9	7.4
E	• 5	3.4	2.8									5.0	5.8
ESE	•6	, 8	• 5									2.0	5.6
SE	• 3	1,0	•5	. 4								2.3	5.9
SSE	• 3	1.3	• 9									2.5	5.7
5	1.1	2.5	• 9	•5								4.9	6.1
SSW	•8	•8	•6									2.2	4.8
sw	•4	1.2	•1									1.7	4 • 2
wsw	1.2	•∙5		• 2								1.9	4.2
w	• 9	•5	• 3	•1	•1							1.9	5.4
WNW	• 5	• 4	• 3	1.0	•2							2.5	9.2
NW	1.3	1.6	1.9	• 9	•2							5.9	7.0
MMM	1.2	3.0	3.1	• 9	•1							8.3	6.9
VARBL													
CALM	$\geq \leq$	\boxtimes	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	15.2	
	22.2	33.7	21.4	7.0	•6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-76,73-79 JAN
STATION SAME YEARS RESTRESS

ALL WEATHER ALL
CLASS DAVIS (L.E.T.)

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 47	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
N	3.7	4.4	3.3	•5								11.9	5.3
NNE	2.5	3.6	3.1	. 4	l					1		9.4	5.6
NE	1.3	2.9	3.5	1.2	•0					i		2.9	7.1
ENE	1.2	2.8	3.4	1.0	•1							8.4	7.0
E	1.1	3.1	2.0	• 4	9.							6.7	5.0
ESE	•6	1.5	1.3	.1								3.4	6.0
SE	•6	1.5	1.5	. 3								3.9	6.6
SSE	. 9	1.5	1.2	ولا		•0						4.0	5.2
S	1.0	1.6	1.2	•8	• 1							4.7	7 • G
SSW	•6	1.5	1.3	•6	• 1							4.1	7.2
SW	•5	1.4	1.1	_ •3	•0				•			3.3	6.3
WSW	.9	1.2	•2	•1								2.3	4.3
w	1.2	1.3	• 5	•3	- 1	•0						3.3	5.5
WNW	•5	- 8	.8	.7	•2	.0			!			3.0	8.1
NW	.8	1.9	2.3	1.5	•2	•0					i	5.7	8.2
MNW	1.2	2.6	3.0	.9	.1							7.8	7.1
VARBL				•								Į.	
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	8.1	
	18.6	33.4	29.5	9.4	.9	.1						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7439

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12910	MACDI	LL AFB	FL				68-	76,73-	79				F	ES
BTATION			STATIO	a avag					•	MARK				ости
						ALL WE	ATHER						0000	-02-00
		_				:	38.0				_		MCAN	(LS.T.)
		_												
						COL	MD1T1QM							
		_												
1	SPEED		Γ		Γ	<u></u>	 -		Γ	r				MEAN
	;KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	WIND SPEED
	N	4.9	5.9	1.9	•5								13.1	4.6
	NNE	3.9	3.4	1.5	•1			Ţ,					9.0	4.3
	NE P	2.0	1.4	2.8	•2			I					1 6.5	5.8

DIR.	1-3	4-0	7-10	11 - 16	17 - 21	H-11	28.33	34.20	41.2	47 - 33	≥36	*	SPEED
N	4.9	5.9	1.9	5				_				13.1	4.6
NNE	3.9	3.4	1.5	•1					I		i	9.0	4.3
NE	7 2.0	1.4	2.8	•2				<u> </u>	1			6.5	5.8
ENE	5.0	2.2	1.8	•9			!	[7.0	5.8
ŧ	1.8	3.0	• 9	-5							1	5.2	5.1
ESE	• 5	1.5	1.2	•1		l			i	i	i	3.3	2.7
SE	<u>l</u> •6	1.4	•8	•2	•2							3.3	7.1
SSE	.4	, Ģ	• 7	• 7								2.7	7.7
S	1.1	2.1	1.3	• 5	• 1	• 1				i		3.6	7.1
SSW	•6	• 7	• 7							1		2.0	5.6
SW	•6	•9	•5									2.0	5.2
WSW	•4	• 9	.7	i]				2.0	5.5
w	1.2	2.3	•5	.2								3.9	5.1
WWW	• 9	1.4	.7	•5	•1				I			3.?	6.4
HW	.7	2.0	1.8	1.8		•1						6.4	8.3
NHW	1.9	2.5	2.6	•5	•2				Γ			7.7	6.4
VARM													
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$			15.6	
	23.3	32.5	20.5	7.1	•7	•2						1100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 845

USAFETAC FORM 0-8-5 (OL-A) PMINIOUS EDITIONS OF THIS FORM AME OBSOLUTE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 STATION	PACDILL AFB FL	68-70,73-79		FEB BEATH
BULTATE	STATION NAME	ALL REATHER		300-0500 mu (LET.)
		CHUNTTON		

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	5.9	7.3	2.4	-4								16.0	9.5
NNE	3.2	5.7	2.0	•1								10.3	4.6
NE	1.5	2.8	2.8	•6	i						L	7.0	6.4
ENE	1.5	2.6	2.6	.7	<u> </u>					<u> </u>		7.4	6.2
E	2.1	2.0	1.3									5.4	4.5
ESE	+6	1.8	» 6	• 4					l	<u> </u>	<u> </u>	3.5	5.9
SE	•6	1.9	.8	• 2	• 1		·			<u> </u>	<u> </u>	3.7	6.3
SSE	.4	1.3	1.9	.7				l	<u> </u>			9.3	7.4
S	1.5	1.2	• 5	8.	•1	• 2						4.4	7.4
SSW	• 7	• 6	.5	•1						<u> </u>		1.9	5.3
SW	•6	-8	• 4	•2								2.0	5.8
WSW	•2	•2	.4	•1				Ī		<u> </u>	<u> </u>	• 9	6.3
w	• 9	- 9	•2	•1			<u> </u>	•	1	<u> </u>		2.2	4.3
WWW	.7	2.0	.5	•5_	•2	+2	<u>L</u> .			<u> </u>	<u> </u>	4.0	7.1
нw	1.3	-8	1.7	1.3	•2			<u> </u>		<u> </u>	L	5.3	7.2
NNW	. 8	1.3	1.8	1.2	•2						<u> </u>	1 5.3	7.9
VARSL				i							<u> </u>	1	
CAUA	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$\geq \leq$	16.3	
	22.9	31.8	20.2	7.4	,9	.4						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 846

USAT, TAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OESERVATIONS)

12810	MACDILL AFB FL	68-70,73-79	FEB
STATION	STATION PAME	TEARS	жүжож
		ALL WEATHER	0690-0690
•		CLASO	HOURS (L.S.T.)
		CONTION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	43 - 55	≥36	*	MEAN WIND SPEED
N	4.1	8.0	3.4	•5		1						16.1	5.2
NNE	3.5	5.9	3.5									13.0	5.0
P:	2.6	2.6	3.1	• 8								9.1	6.1
ENE	7. 3	1.8	2.4	• 4	,							7.1	5.5
E	2.5	3.7	1.3	• 1			!					7.6	4.6
ESE	1.3	1.4	.7	•1	•1					i — —		3.7	5.5
SE	• 5	1.5	• 9	• 2						1		3.2	6.2
SSE	1.4	1.3	1.4	• 7	•1			1				5.0	6.7
S	• 6	2.0	• 8	•6	•4	• 1					1	4.5	8.2
SSW	• 4	• 9	• 5									1.8	5.4
sw		• 2	۰5									.7	8.7
WSW	6	• 2	•1	•1								1.2	5.ì
w	• 6	• 8	• 5									1.9	4.9
WNW	• 6		• 2	.7	•4							2.1	9.1
NW	,7	• 9	• 4	.7	• 1							2.8	7.2
NNW	• 9	• 7	1.9	1.9								5.4	8.4
VARBL		1							1				
CALM		$\geq \leq$	\geq	\geq		> <	\boxtimes	\boxtimes	\boxtimes	\supset		15.0	
	23.2	32.2	21.6	6.9	1.1	. 1						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREGUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1281U MACDILL AFB FL 68-70,73-79 FEB

STATION STATION NAME

ALL WEATHER

CONDITION

CONDITION

SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 9	3.8	6.7	.5								12.0	7.0
NNE	1.4	2.4	5.0	1.1								9.8	7.3
NE	• 4	1.8	5.3	2.0				_				9.5	8.5
ENE	• 9	3.0	3.3	1.5	T -							8.9	7.4
E	.9	2.5	1.8	•7	•1							6.0	6.7
ESE	•6	1.8	2.1									4.5	6.4
SE	•5	3.2	1.7	• 5		•2						6.0	7.0
SSE	1.7	3.1	1.8	• 1								6.6	5.4
S	1.5	2.4	2.4	1.4								7.7	6.7
SSW	. 4	1.3	1.7	8.					Ì			4.1	7.9
SW	• 7	•8	• 8	.6								3.0	6.8
WSW	• 5	• 1	•2						Ĭ			• 8	5.0
w	• 5	• 9	• 2	.6	.1							2.4	7.2
WNW	• 4	•6	• 5	1.2	• 2							3.0	9.9
NW	•6	1.1	1.9	2.1	•1		T					5.8	9.0
NNW	•4	2.4	2.5	1.3								6.5	7.8
VARBL					1	<u> </u>	1						
CALM	$\geq \leq$	\boxtimes	\geq	$\supset <$	\boxtimes	\boxtimes	\boxtimes	\geq	>	><	> <	3.6	
	12.2	31.0	38.0	14.4	.6	•2		İ				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 645

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 68-70,73-79 MACDILL AFB FL ALL WEATHER 1200-1400 HOURS (L.S.T.) SPEED 7 - 10 2.2 2.1 4.8 6.3 1.9 1.9 NNE 6.6 .9 1.8 5.6 7.9 NE •1 2.7 ENE 1.3 8.3 _• 5 9.8 ESE .1 1.8 • 9 SE 1.7 1.2 SSE 3.4 4.2 5 . 8 2.8 1.3 • 8 5.7 1.2 3.2 3.4 3.3 8.3 SSW 1.4 8.6 2.5 1.5 •1 6.0 SW • 5 • 8 2.2 4.1 5.5 W\$W 2.1 8.9 w 1.9 •2 8.8 • 6 1.2 1.5 5.4 WNW NW •2 2.0 6.4 12.2 10.4 VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS ECITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68-70,73	-79	FEB
STATION	STATION NAME		YEARS	MONTH
•		ALL WEATHER		1500-1700
		CLA96		HOUFS (L.S.T.)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	• 2	.9	•5_					I				1.7	5.1
NNE	•6	1.2	1.7	•5								3.9	7.0
NE	. 4	.8	2.7	1.1								5.0	8.6
ENE	•2	1.8	1.4	• 2								3.7	7.0
E	• 1	• 9	• 9	•6	•1							2.7	8.9
ESE		.4	•5	• 2								1.1	8.0
SE	•4	• 5	- 4	•2				1		i	1	1.4	6.0
SSE	•2	• 7	.4		•1					T		1.4	5.9
S	• 2	• 5	1.7	•5	•2			Ī				3.1	9.8
ssw	• 5	2.7	3.9	2.8	•2							10.2	8.7
sw	.4	3.3	6.0	2.7		 		T				12.4	8.4
wsw	1.5	1.8	1.2	• 9	•2							5.7	6.8
w	1.7	3.2	• 9	. 9	•1					<u> </u>	i	6.9	6.0
WNW	•4	3.4	4.7	1.7	•5				1	<u> </u>		10.6	8.3
NW	•6	4.3	10.3	3.9					 			19.0	8.6
NNW	• 6	2.8	5.6	1.3				1				10.3	7.9
VARBL								1	1				1
CALM	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	\geq	\geq	\boxtimes	\geq	\boxtimes	\boxtimes	1.1	
	7.9	29.2	42.7	17.6	1.5							100.0	7.9

TOTAL NUMBER OF "SERVATIONS

846

THE RESIDENCE AND ASSESSMENT OF THE RESIDENCE AND ASSESSMENT OF THE RESIDENCE AND ASSESSMENT OF THE PARTY OF

USAFETAC FORM JUL 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MACDILL AFB FL

SURFACE WINDS

100.0

TOTAL NUMBER OF OBSERVATIONS

5.8

846

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

					ALL NE	ATHER						1800	-200G
	_				=======================================	ASS .						HOUR	\$ (LS.T.)
	_												
					COM	DITION							
	_					~							
SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥53	*	MEAN WIND SPEED
N	1.9	3.1	• 8									5.8	4.4
NHE	• 5	2.0	1.4	•1								4.0	6.1
NE	•1	8.	1.1	• 9								3.0	8.2
ENE	•1	1.3	1.5	•6								3.5	7.8
E	•6	1.3	1.1	•4						1		3.3	6.8
ESE	•1	• 6	•1	•1								9	6.4
SE	. 4	• 1	• 1	• 1								.7	5.3
SSE	• 2	٠6	• 1	• 1								1.1	6.1
S	• 6	• 7	2.1	• 5								3.9	7.8
SSW	• 8	1.3	3.5	•9								6.6	7.4
SW	•8	3.2	1.5	.4								5.9	5.7
WSW	1.7	1.4	• 5	•1	• 1							3.8	5.0
w	1.3	2 • 4	• 9	• 7	• 1							5.4	6.0
WNW	2.4	3.7	2.1	•7								8.9	5.7
NW	4.6	7.8	6.7	2.0	•1							21.3	6.3
Мим	3.0	6.1	5.4	• 9					1			15.5	6.0
VARBL													
CALM		> <	> <	$\supset \subset$		> <	> <	$\supset <$	$\supset \subset$	$\supset \subset$	><	5.4	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1281U MACDILL AFB FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

		STATIO	H HARE						YEARS			i	BONTE
	_									_			-2300
					•								- (,
	_				COI	MOITION				_			
	_												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.9	5.3	1.8	•2			_					13.2	4.1
NNE	2.0	2.6	1.5	•7			i					6.9	5.7
NE	1.3	1.4	1.4	. 9			T					5.1	6.9
ENE	. 7	1.5	1.8	• 7								4.7	7.8
Ē	. 9	2.5	1.9	•6				i			Ì	5.4	6.7
ESE	.4	. 9			•1							1.4	5.6
SE	•2	- 8	• 5		•2		!					1.8	7.1
SSE	•6	. 4	. 4	•6		i						1.9	7.2
\$	1.7	2.8	1.7	.4	l							6.5	5.6
ssw	. 6	1.47	1.4	• 2						I		3.9	6.2
sw	• 2	1.1	•6	•1								2.0	5.8
WSW	• 8	.8	.4	I								2.0	4.3
w	1.3	1.8	. 8	.7								4.6	6.0
WNW	1.9	2.1	1.7	.7		.1						6.5	6.3
NW	2.2	2.7	2.6	1.1	• 1	• 1						8.9	6.6
NNW.	3.1	2.5	3.7	•6								9.8	5.8
VARSL													
CALM							$\supset \subset$					15.4	
	(KNTS) DIR. N NME NE ENE E SSE SS SSW SSW WSW WNW NNW NNW VARBL	(KNTS)	SPEED (KNTS) 1-3 4-6 N	(KNTS) 1-3	SPEED (KNTS) 1-3	SPEED (KNTS) 1-3 4-6 7-10 11-16 17-21 DIR. N 5.9 5.3 1.8 .2 NNE 2.0 2.6 1.5 .7 NE 1.3 1.4 1.4 .9 ENE .7 1.5 1.8 .7 E .9 2.0 1.9 .6 ESE .4 .9 .1 SE .2 SSF .6 .4 .9 .1 SSF .6 .4 .4 .6 .7 S 1.7 2.8 1.7 .4 SSW .6 1.7 1.4 .2 SSW .6 1.7 1.4 .2 SSW .8 .8 .8 .4 W 1.3 1.8 .8 .4 .4 .5 .1 WNW 1.9 2.1 1.7 .7 NW 2.2 2.7 2.6 1.1 .1 NNW 3.1 2.5 3.7 .6	SPEED 1-3 4-6 7-10 11-16 17-21 22-27	SPEED 1-3	SPEED (KNTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 NNE 2.0 2.6 1.5 .7 NE 1.3 1.4 1.4 .9 ENE .7 1.5 1.8 .7 E .9 2.0 1.9 .6 ESE .4 .9 .9 .0 1.9 SE .2 .8 .5 .2 SSE .6 .4 .9 .9 .1 SSW .6 1.6 .7 1.4 .2 SSW .6 1.6 .7 1.4 .2 SSW .8 .8 .8 .4 .7 .4 .2 SW .8 .8 .8 .4 .7 .4 .2 SW .8 .8 .8 .4 .7 .4 .2 SW .8 .8 .8 .4 .7 .4 .8 .7 .4 .7 .4 .2 .5 .7 .4 .1 .8 .8 .7 .7 .4 .1 .8 .8 .7 .7 .8 .8 .8 .8 .4 .7 .7 .7 .8 .1 .8 .8 .7 .7 .8 .7 .7 .8 .1 .8 .8 .8 .7 .7 .8 .7 .7 .8 .1 .8 .8 .8 .7 .7 .8 .7 .7 .8 .1 .8 .8 .8 .7 .7 .8 .7 .8 .8 .8 .8 .8 .8 .7 .8 .7 .8 .8 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .7 .8 .8 .8 .8 .8 .8 .7 .8 .8 .8 .8 .8 .8 .8 .8 .7 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8 .8	SPEED (KINTS) 1-3 4-6 7-10 11-16 17-21 22-27 28-33 34-40 41-47 DIR. N 5-9 5-3 1-8 -2 NNE 2-0 2-6 1-5 -7 NE 1-3 1-4 1-4 -9 ENE -7 1-5 1-8 -7 E -9 2-9 1-9 -6 ESE -4 -9 SE -2 -8 -5 -2 SSE -6 -4 -9 SSW -2 1-1 -7 -4 SSW -2 1-1 -6 -1 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -8 -8 -8 -8 -7 SSW -9 1-7 -9 -1 SSW -8 -8 -8 -7 SSW -9 1-7 -9 -1 SSW -9 1-7 -9 -	SPEED 1-3	SPEED 1-3	SPEED 1-3

TOTAL NUMBER OF OBSERVATIONS

846

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

GLOBAL CLIMATGLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 MACDILL AFB FL 68-70,73-79 ALL WEATHER SPEED MEAN WIND 1.3 7 - 10 11 - 16 17 - 21 28 - 33 41 - 47 48 - 55 ≥56 10.3 5.1 3.0 4.6 2.5 NNE 2.0 3.0 2.3 7.7 5.6 • 9 1.0 2.7 6.3 7 • 2 1.6 2.9 2.2 6.7 ENE 1.1 •7 6.0 1.2 E 2.1 1.3 •0 5.1 6.1 •5 C ESE 2.5 6.4 • 8 •0 2.9 1.4 SE • 4 •1 6.6 1.2 .8 • 9 • 4 •0 3.3 6.2 1.5 5.3 7.2 5 1.0 1.8 • 7 • 1 •0 7.6 • 5 1.6 2.0 1.C 5.2 SSW • 5 •7 4.3 7.3 1.5 1.6 •0 SW •8 1.0 •2 •0 2.5 5.6 wsw 1.2 2.1 4.5 5.7 • 0 w 7.4 1.0 1.8 1.6 • 9 •2 •0 5.5 WNW 1.4 2.7 4.D 2.0 • 1 10.2 7.8 NW 8.9 7.1 3.5 NNW • 1 VARBL € 9.4

6.0

6766

100.0

TOTAL NUMBER OF OBSERVATIONS

• ق.

215-01

28.7

10.8

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-70,73-79 MAR

STATION HARE YEARS BOOTR

ALL WEATHER D000-0200

CLARS BOOKS (LET.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	2.7	3.3	1.4	•2								7.6	4.7
NNE	2.3	1.7	• 5 ·									4.5	3.8
NE	2.3	2.0	1.3	€ 8					Ī _			6.4	5.6
ENE	1.9	4.4	3.1	1.6								11.1	6.6
Ε	2.8	6.2	4.7	• 8								14.5	5.9
ESE	•6	2.4	2.0	2.								5.6	6.6
SE	• 9	1.8	1.5	•6								4.8	6.8
SSE	• 3	1.8	1.4	• 4								4.0	5.9
S	.5	1.2	1.3	•5								3.6	6.9
SSW	•6	2.8	•6	• 4	•2				i			4.0	6.4
SW	• 5	1.2	1.4	• 3							1	3.6	6.8
WSW	• 3	• 1	1.1	•1								1.6	7.8
w	_ •8	. 2	1.6	•1	•1							2.8	6.9
WNW	1.0	1.0	-8	• 3	•2							3.2	6.3
NW	. 9	• 9	1.3	1.3	•4							4.7	8.8
NNW	. 9	2.0	2.4	•5	•1							5.9	6.7
VARSL										i			
CALM	$\geq \leq$	$\geq \leq$	\geq	\geq	\geq	\geq	$\geq \leq$	\geq	\geq	\boxtimes		12.1	
	19.4	32.4	26.5	8.6	1.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC RR 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACOILL AFB FL	68-78,73-79	MAR
STATION	STATION NAME	TEARS	MONTH
		ALL WEATHER	5 <u>360-0500</u>
		CLASS	MOURS (L.S.T.)
		CONDITION	

SPEED (KNTS) DIR.	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.1	3.3	1.3	• 3								9.0	4.3
NNE	3.3	3.3	• 6	•2								7.5	4.0
NE	2.2	1.8	1.6	• 2								5.8	5.2
ENE	2.4	3.8	4.0	• 5								10.6	5.0
E	3.8	5.7	3.5	• 3								13.3	5.2
ESE	1.7	Z+6	2.0	• 3								6.7	5.5
SE	• 9	2.7	2.5	1.0							Ĺ	7.0	7.1
SSE	•5	1.9	1.4	1.0				1				4.8	7.5
\$	• 3	1.5	2.4	. 9						<u> </u>		5.1	7.5
SSW	•5	• 9	1.1	• 1	•1				İ		l	2.7	6.4
sw	• 4	1.4	1.1	•2								3.1	6.4
wsw	• 2	• 4	•2	• 2								1.1	6.
w	• 9	1.1	1.2	•2							L	3.3	6.4
WNW	1.0	• 5	.6	. 9	•1				l			3.1	7.4
NW	• 3	•6	• 9	1.0	•5	•1						3.4	10.
NNW	• 3	1.1	1.4	• 3								3.1	7.2
VARBL									I				
CALM	$\geq \leq$	$\geq \leq$		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	10.2	
	22.8	32.7	25.8	7.6	.8							100.6	5.

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AME OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACCILL AFB FL 68-70,73-79 MAR

STATION STATION BARK FLANS

ALL MEATHER 9509-0800

CLANS

CLANS

MAR

96907

00000 (L.B.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.8	3.3	1.8	.6								8.6	5.2
NNE	2.3	7.4	1.7					İ				7.4	4.7
NE	1.6	3.4	2.5	•1								7.6	5.3
ENE	2.3	3.8	3.9	•6								10.5	3.1
E	3.2	6.2	3.4	• 3								13.2	5.4
ESE	2.2	4.0	1.9	•2			!					8.3	5.2
SE	• 9	2.5	2.8	• 8	•1							7.1	5.9
SSE	.4	2.3	3.5	•9								6.3	7.6
S	•6	2.3	2.3	1.2								5.3	7.3
WZZ	• 5	• 5	.8	•1	•1							2.2	6.4
sw	.3	1.1	.6									2.0	5.6
wsw	• 3	• 6	• 3	•1					T			1.4	5.8
w	• 9	• 3	-8	•2								2.2	5.8
WNW	•2	• 5	.6	.8	•1							2.4	9.2
NW	• 3	•5	.8	1.0	•1	•2						2.9	10.1
NNW	.4	4.5	1.2	•5					T			2.7	7.8
VARSE					1			Γ				ş.	1
CAIM		\supset	\boxtimes	\boxtimes	\boxtimes	$\geq \leq$	\boxtimes	\times		$\supset \subset$	$\supset \subset$	8.8	
	19.2	35.7	28.2	7.4	• 4	•2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 0-9-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRIPE

GLUBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 1 12810 MACDILL AFB FL 68-70,73-79 MAR £ ALL WEATHER 0900-1100 CIASS HOURS (LS.T.) £ \$ MEAN WIND SPEED SPEED (KNTS) 1 - 3 17 - 21 48 - 55 €. • 5 2.0 4.2 6.9 6.9 • 3 •9 • 5 2.7 4.4 7.4 E 3.5 3.7 •2 1.3 5.2 ME 1.2 •6 ENE 1.1 3.9 2.0 7.6 8.4 • 2 1.4 4.7 3.4 9.8 9.4 2.2 ESE •5 4.0 1.0 7.6 7.5 • 5 3.7 3.9 •9 8.9 7.2 SE 1.1 4.1 3.3 1.7 10.2 7.1 5 1.4 3.1 3.3 1.7 •1 9.8 • 3 1.8 1.5 1.7 6.0 9.0 • 4 • 3 1.2 1.4 3.3 7.5 € WSW .8 . 4 • 3 2.2 6.0 5.5 •8 2.7 .4 . 8 • 8 WNW • 3 •9 • 9 1.1 3.1 8.6 • 8 • 5 2.5 1.4 5.3 9.0 2.9 7.1 NNW •6 1.5 •5 ٠Z YAPBL 42.7 160.0 7.8 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS OF THIS FORM ARE OBSOLETE

93C

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR MEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND **DIRECTION AND SPEED** (FROM HOURLY OBSERVATIONS) SAM 68-76,73-79 ALL WEATHER 1200-1400 MEAN WIND SPEED SPEED (KNTS) DIR. N 1.4 1.2 •2 3.0 6.5 NNE •2 1.0 7.2 3.0 1.0 5.3 6.0 8.8 ENE 1.7 2.4 1.8 6.7 8.7 1.8 2.5 1.8 Ε ESE 1.0 1.9 4.1 7.9 • 8 7.6 7.8 SE 2.8 3.8 SSE . 8 5.5 6.6 1.8 S 1.0 1.5 1.8 .8 9.6 11.5 SSW 9.7 11.6 2.0 4.6 4.1 SW 6.8 5.5 WSW 1.5 3.8 •8 . 8 2-0 4.3 1.1 .6 8.1 5.1 1.7 5.9 8.8 WNW 1.9 C NW 1.3 3.3 2.3 NNW VARM 100.0

USAFETAC TORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFE FL 68-70,73-79 MAR

STATION STATION RANE ALL SEATHER 1500-1700

CLASS BANGS (LE.T.)

COMBITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	•2	•9	•6								i	1.7	6.1
NNE	• 3	•6	• 5									1.5	5.9
NE	• 4	•9	1.9	.4	•2							2.9	3 • S
ENE		1.3	2.4	• 9								4.5	3 • 2
E	• 4	1.1	3.3	1.8	•1							6.6	9.0
ESE	•1	•6	2.3	•8								3.9	3.7
SE	•2	1.2	1.0	.4							l	2.5	6.9
SSE	•5	•6	• 3	• 3								1.8	6.2
5	• 1	1.1	• 8	•5	• 4	•2						3.1	10.3
SSW	• 3	2.7	4.8	4.7	• 1							12.7	9.5
SW	•5	3.9	7.3	6.0	- 5							18.3	9.4
wsw	1.1	1.7	7.5	1.7	• 1	L			l			5.7	5.0
w	2.0	3.3	2.2	• 9								8.4	5.9
WNW	• 3	1.3	3.5	2.3	•2							7.6	9.4
NW	•2	2.4	5.9	2.5								11.0	8.8
NNW	•2	1.5	3.1	1.0								5.4	8.4
VARSL			-1			<u> </u>						1	
CALM	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$		$\geq \leq$	\geq		•5	
	7.1	25.2	41.1	24.2	1.7	•2			i			100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

93C

USAFETAC 10-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

I CHEST TO A COMPANY OF THE PARTY OF THE PAR

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDILL AFB FL STATION NAME MAR 12810 68-70,73-79 ALL MEATHER 1809-2009 SPEED (KNTS) N NNE 5.0 ENE 1.2 2.0 1.1 3.5 .1 1.7 9.2 . 8 ESE SE 9.0 322 s . 8 •5 3.1 .1 • 9 9.7 SSW 1.3 4.1 SW -6 1.8 WSW 5.4 WNW 1.7 3.1 1.9 9.5 6.4 NW 13.1 NNW VARM 100.0

TOTAL NUMBER OF OLISEVATIONS

930

USAFETAC POINT Q-S-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSCUE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68-70,73-79	MAR
HOITATE	STATION NAME	YEARS	MONTH
		ALL WEATHER	2100-2300
		CLASS	HOURS (L.S T.)
		CONDITION	

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 15	11 - 16	17 - 21	27 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.1	4.2	• 5									9.8	3.6
NNE	2.4	1.5	•2	• 1	• 1							4.5	4.0
NE	1.1	• 3	1.0	• 5					ļ			3.3	6.1
ENC	1.1	1.8	3.0	1.4	• 1							7.4	7.7
E	1.1	4.0	5.4	2.0								12.5	7.7
ESE	• 3	1.5	1.9	•2					Γ		T	4.0	6.9
SE	• 3	- 8	• 4	. 4								1.9	7.2
SSE	1.0	1.1	• 4	• 1				<u>L</u>				2.6	4.8
\$	1.5	1.7	1.2	- 3								4.7	5.4
SSW	1.8	1.8	1.5	• 6								5.8	5.6
sw	• 9	2.6	1.4	• 3								5.2	5.9
WSW	1.0	• 5	•6	•1								2.3	5.0
w	1.8	1.8	• 9	• 4								4.9	5.2
WNW	1.3	2.2	1.2	1.0							i	5 6	6.6
NW	1.1	2.2	2.4	1.3								6.9	6.8
NNW	1.7	3.0	2.0	• 5								7.3	5.8
VARBL										1			
CALM		$\triangleright <$	$\geq <$		$\geq \leq$	$\geq \leq$	\boxtimes	\boxtimes	\boxtimes			11.5	
	23.3	31.4	24.1	7.5	•2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 48-5 (C*+2" US EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACD MACD	ILL AFB	FL	I HAME			68-	70,73-		rEARS				A R
					ALL WE	A THER							LL 5 (LS.T.)
,	-				соя	DITION							
SPEED (KNTS)	1.	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥,56	*	MEAN WIND SPEED
N	2.1	2.6	1.5	• 2								6.4	5.0
NNE	1.6	1.6	• 8	• 1	•0							4.1	4.8
NE	1.0	1 . 4	1.6	• 5	•0							4.6	6.5
ENE	1.1	2,4	3.1	1.3	• 0							7.8	7.2
E	1.6	3.7	3.9	1.5	• 1							10.8	7.0
ESE	• 8	1.9	2.2	• 5								5.4	6.7
SE	• 5	1.9	2.0	• 6	• 0			i				5.1	7.1
SSE	. 7	1.7	1.4	• 5								4.4	6.8
\$.7	1.8	1.7	• 8_	• 1	• 1						5.1	7.4
ssw	.7	2 • B	2.3	1.6	٠Z							6.8	3.2
SW	.7	2.3	2.8	1.5	• 1							7.4	7.9
WSW	. 9	1.3	• 9	• 4	• 0							3.5	6.2
w	1.3	1.8	1.3	. 4	• 0	•0						4.9	5.9
WNW	. 8	1.3	1.6	1.2	• 1							5.1	8.0
NW	.7	1.6	2.9	1.4	• 2	• 0						6.8	8.3
NNW	-8	1.9	2.2	•6	•0				l			5 . 5	7.G
VARBL		<u> </u>											
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\times	6.2	
	15.9	31.3	32.2	13.4	.9	.1						100.0	6.6
j									TOTAL NU	MBER OF OBS	ERVATIONS		7439

0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

MACDILL AFB FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

					CON	DITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥53	*	ME WI SPI
N	3.0	3.0	1.9	.2			 					8.1	4
NNE	2.9	2.2	1.0	.1					<u> </u>			6.2	4
NE	2.2	2.1	1.7	•1								6.1	5
ENE	1.8	3.8	3.2	•6					i — — —			9.3	5
E	2.7	7.1	9.4	1.4								20.7	6
ESE	1.6	2.0	2.1	• 1								5.8	5
SE	1.4	1.6	2.3	• 1								5.4	5
SSE	1.0	•8	1.2				1	İ		<u> </u>		3.0	5
5	1.2	1.4	1.3	• 4								4.4	6
SSW	•2	• 6	•6	•6					i			1.9	8
sw	•1	1.0	1.1	•2	1		1					2.4	7
WSW	•8	1.0	• 2									2.0	3
w	•7	2.6	•6									3.8	4
WNW	.4	2.1	• 9									3.4	5
NW	• 7	1.6	>8	• 4	•1			i				3.6	6
NNW	• 4	1.0	•6	•6								2.6	6
VARBL										T			
CALM		$\geq \leq$	$\geq <$	\boxtimes	\boxtimes	\boxtimes		\boxtimes	\boxtimes	$\supset <$	> <	11.2	
	21.1	33.8	28.9	4.9	.1							100.0	5
									TOTAL NU	MBER OF OBS	ERVATIONS		9

68-70,73-79

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-70,73-77 APR BOOTH
STATION STATION NAME ALL WEATHER 0300-0500 MOURS (LEST.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	4.6	5.1	1.5	• 1								9.3	4.2
NNE	2.4	3.1	• 8									6.3	4.2
NE	1.9	2.1	1.4	• 1								5.6	5 • 1
ENE	1.6	4.6	3.0	• 8				T				9.9	6.1
E	4.0	7.7	5.9	•8_							i	18.3	5.7
ESE	8	2.4	2.7	• 3								6.2	6.3
SE	1.1	3.3	2.8	• 3		ĺ				T		7.6	6 • C
SSE	1.3	2.1	1.9	• 9_								6.2	6.5
\$	1.3	• 8	1.2	- 8								4.1	6.8
ssw	1	• 8	. 4	• 2_	• 1		Ţ					1.7	7.5
sw	_ • 1	. 4	. 8	.7				Γ				2.0	8.9
wsw	6	_ 3	•2	•2								1.3	6.1
w	. 6	1.3	• 3									2.2	4.9
WNW	. 8	1:.7	. 4	•1								3.0	5.0
NW	• 3	1.6	1.2	• 1								3.2	6.4
NNW	.7	• 8	• 2	.6								2.2	7 • B
VARBL										T			
CALM		\geq	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	\boxtimes	\boxtimes	\geq	\boxtimes		10.8	
	22.1	36.1	24.9	6.0	•1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12610 MACDILL AF8 FL 68-70, 73-79 APR
STATION STATION MARE ALL WEATHER 0600-0600
CLASS MOURS (LET.)

COMDITION

SPEED (KNTS) DIR.	1.3	4 · 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	3.1	3.2	1.8	i								3.1	4.5
NNE	1.8	3.4	2.3	• 3					İ	i — —		7.9	5.5
NE	1.4	2.8	2.4	• 7								7.3	6.2
ENE	2.2	3.8	4.4	1.0				i		i		11.4	6.3
E	2.3	6.2	5 • 1	1.2	•2							15.1	6.5
ESE	1.2	2.4	3.6	• 4								7.7	6.5
SE	1.1	3.4	3.1	•8								8.4	5.6
SSE	1.0	2.9	2.4	• 9		ì		ļ —				7.2	6.5
S	• 4	2.2	2.2	• 4								5.3	7.0
SSW	•1	• 4	•6	•9	•1							2.1	10.2
sw	• 3	• 2	• 4	•8								1.8	8.2
WSW	• 3	• 4	• 4	•6								1.8	7.9
w	•4	• 9										1.3	4.1
WNW	.7	• 9	• 3	•3	l							2.2	6.0
NW	• 3	• 7	_ • 3	•2								1.6	6.0
NNW	• 3	• 4	• 7	•3								1.8	7.3
VARBL									· · · · · · · · · · · · · · · · · · ·				
CALM		\geq	$\geq <$	\geq	$\geq <$	\boxtimes	\supset	\times	\times	>	\times	3.9	
	17.2	34.4	30.2	8.9	• 3							130.0	5.8

TOTAL NUMBER OF OBSERVATIONS

980

USAFETAC FORM 0.8-5 (OL-A) previous editions of this form are obsolet

GLUBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC. AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 MACDILL AFB FL 0900-1100 SPEED (KNTS) DIR. 4.9 6.8 6.8 8.9 NE 1.1 3.3 1.9 • 7 3.3 1.7 ENE 1.6 8.5 • 1 4.4 9.6 ESE 7.9 1.2 SSE 10.7 9.4 7.6 1.0 2.1 2.8 1.8 SS₩ 9.0 .6 6.1 WSW 1.0 4.0 6.9 2.4 7.0 WNW 1.0 NW NNW VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (GL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

Î

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-78,73-79 1200-1400 ALL WEATHER MEAN (KNTS) DIR. 7 - 10 ≥56 1.3 11 - 16 WIND 1.0 • 3 •7 • 4 1.2 7.2 NNE 1.2 2.1 7.9 1.7 2.6 2.0 5.6 8.7 ENE 2.3 4.3 10.3 1.0 2.0 1.2 4.6 5.2 ESE • 4 1.4 1.8 4.4 .9 5.7 SSE 1.9 • 9 •2 3.9 1.4 5 1.8 1.7 • 8 6.0 6.9 10.4 5.2 19.2 1.8 SSW 5.4 •6 2.1 4.7 +3 13.1 SW 1.7 4.2 1.3 9.8 WSW 10.8 6.2 1.7 5.8 2.4 1.4 •6 4.8 WNW 4.3 5.9 8.8 •7 . 8 NW 1.0 3.3 .6 4.7 8.3 NNW VARSL 38.0 22.8 100.0 8.2 TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EUITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12319	PACOILL AFB FL	68-70,73-79		_ APR
STATION	STATION NAME		YEARS	HONTH
		ALL WEATHER		1500-1700
		CLASE		HOURS (L.S.T.)
	_	_		

SPEED (KNTS) DIR.	1-3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2	+2	.4	•1								1.0	6.4
NNE	•2	• 7	. 4	•1							i	1.4	6.4
NE		1.0	1.5	.7								3.2	8.2
ENE	.2	• 3	2.4	1.7								4 . 7	9.5
Ę		1.7	3.9	4.0	• 1							9.7	9.8
ESE		• 8	1.8	.7								3.2	8.3
SE	•1	• 3	•9	•2								1.6	7.6
SSE	• 2	•2	• 1	•1								• 7	5.7
S	• 2	•4	•2	.7	•2							1.7	11.0
ssw		1.3	2.9	5.1	•4							9.8	11.B
SW	•6	1.7	6.8	6.3	• 41							15.8	10.3
WSW	.9	1.4	2.8	1.2		_ • 1						6.5	8.2
w	1.0	3.3	4.3	- 8	• 1							9.6	7.0
WNW	• 3	3.7	4.9	1.1	•1							10.1	7.7
NW	•2	1.5	8.2	2.4								12.1	8.5
NNW	• 6	1.7	5.5	1.0								8.7	8.2
VARBL													
CALM	$\geq \leq$	\geq	\geq	$\geq \leq$	\geq	\geq	\geq	\geq	\geq	\geq		• 3	
	4.7	20.4	47.2	25.9	1.4	• 1						190.0	8.9

TOTAL NUMBER OF OBSERVATIONS 899

USAFETAC TORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS TORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	1; - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.9	1.7	1.1		i							3.7	5.1
NNE	• 3	• 8	. 4	.3								1.9	6.9
NE	• 2	• 4	• 9	•7								2.2	3.6
ENE	•2	• 6	1.7	2.1	•2							4.8	10.2
E	• 3	2.7	5.9	4.2								13.1	9.1
ESE	•2	• 4	1.1	. 4								2.2	8.4
SE		•1	• 3									• 4	6.8
SSE		•1										• 1	5.0
S	• 3	• 3	• 6	.5	•1		•1			i T		2.0	10.0
SSW	• 4	2.8	2.4	2.0	•1							7.8	8 . 5
SW	•6	3.2	4.1	1.0								8.9	7.3
WSW	• 3	•8	1.6			-						2.7	5.6
w	1.3	5.3	2.6	•1	•1							9.5	5.6
WNW	1.0	4.6	3.1	•3	•1	1						9.1	6.2
NW	2.4	6.6	7.7	.8								17.5	6.4
NNW	1.3	5.2	5.3	•6								12.5	6.4
VARBL					i								1
CAUM				\geq		$\supset <$	$\supset <$		\boxtimes		><	1.7	
	10.0	35.6	38.8	13.1	•7		•1					100.0	7.

TOTAL NUMBER OF OBSERVATIONS

899

USAFETAC FORM 0-8-5 (DL-A) PREVIOUS EDITIONS OF THIS FORM ARE C'ESCLÉTÉ

VARSL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDILL AFB FL STATION MANE 68-75,73-79 2100-2300 ALL LEATHER SPEED (KNTS) DIR. MEAN 7 - 10 11 - 16 1.3 WIND 3.7 3,4 4.3 8.2 3.0 4.8 3.3 1.7 5.3 1.0 1.1 . 4 4.2 ENE 1.1 1.4 E 19.4 9.7 1.0 5.4 5.3 ESE 1.2 3.8 SE 1.0 . 9 S 2.6 6.2 SSW .7 1.7 • 6 3.0 5.3 6.1 SW 1.3 3.2 WSW 2.0 • 7 2.6 1.6 6.0 NW

TOTAL NUMBER OF OBSERVATIONS

5.4

10.3

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

• 8

. 4

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12813	MACDILL AFB FL	68-70,73-79	APR
STATION	STATION MARK	YEARS	MORTH
		ALL WEATHER	ALL _
		CLASS	HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.0	2.3	1.3	•1						l ———		5.7	4.8
NNE	1.4	1.7	1.0	•2								4.3	5.1
NE	.9	1.4	1.8	•6								4.7	6.8
ENE	1.0	2.1	2.9	1.4	• 1					1		7.4	7.5
E	1.4	4.1	6.1	3.i	• 1							14.8	7.9
ESE	•6	1.4	2.2	• 9								5.1	7.4
52	6	1.6	1.9	•4								4.6	6.7
SSE	.9	1.5	1.3	•5								4.1	5.4
5	• 9	1.6	1.5	• 8	• 1		•0					4.9	7.2
SSW	• 3	1.4	1.6	2.0	• 1				i			5.5	9.2
SW	•5	1.3	2.8	1.9	•1				•			6.5	9.0
WSW	•8	1.2	• 9	• 4	•0	•0						3.4	6.6
w	1.1	3.0	1.5	•3	• 9							5.9	5.9
WNW	•6	2.3	1.8	• 3	•0							5.1	5.5
NW	. 8	2.0	3.0	•7	•0							6.6	7.5
NI	9.	1.8	2.5	•6								5.6	6.9
VARSL					1							ij.	
CALM		\boxtimes	$\geq \leq$	\boxtimes	$\geq \leq$	\geq	$\geq \leq$	$\geq \leq$	$\geq <$	\boxtimes	$\geq \leq$	5.6	
	14.6	30 • 7	34.2	14.2	.7	•0	•0			T		100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 719

THE REPORT OF THE PARTY OF THE

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

MACDILL AFB FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-76,73-79

					ALL ME							<u>0000</u>	
					£	LA DS						8001	18 (L.S.
	_				CON	DITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ALI WI SP
N	2.3	1.0	• 4			i						3.7	3
NNE	2.5	1.2	1.1	•2								4.9	4
NE	1.5	1.5	•6	•2	T							3.9	4
ENE	2.3	3.9	4.0	•4								10.5	5
E	5.2	9.5	6.7	1.3								22.6	5
ESE	1.4	3.0	2.6	• 3								7.3	5
SE	• 8	2.6	1.6	.6								5.6	6
SSE	• 9	1.2	.4	1.0								1 3.4	7
5	•6	1.4	• 9	.4								3.3	6
SSW	. 9	• 9	•6	_ •1								2.5	5
SW	•4	• 3	1.1	•1								1.9	6
wsw	.4	1.2	_ • 9	_ • 5	Ĭ							3.0	6
w	1.9	2.8	_ 4									5.2	4
WNW	.8	2.5	• 5_									3.8	4
HW	1.1	.4	- 3	-1								1.9	4
NNW	•6	•6						1				1.3	5
VARBL													
CALM				$\geq <$	\geq		$\supset <$	$\supset <$	$\supset <$	$\supset <$	> <	15.2	
	23.4	33.9	22.2	5.4					T	<u> </u>		100.0	4

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-70,73-79 MAY

STATION NAME STATION NAME ALL WEATHER 9300-0503

CLASS MOVING (LET.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.9	1.4	• 3	.1								4.7	3.6
NNE	1.6	1.5	1.1	•1						i		4.5	4.9
NE	2.0	2.2	1.3									5.5	4.5
ENE	2.6	3.9	2.6	• 2			Ī	i				9.2	5.3
E	5.3	5.0	5 • 3	•6								17.2	5.3
ESE	1.3	3.4	2.4	• 1								7.2	5.5
SE	2.0	2.5	2,7	• 8			L	L				0.5	5.1
322	• 9	1.7	2.0	• 3								4.9	6.5
5	• 5	1.4	1.9	- 3	•2							4.4	7.4
SSW	• 4	• 4	• 2	• 1								1.2	5.1
SW	• 3	• 5	• 3	.4								1.6	7.3
wsw	1.1	1.0	1.3	•1					T			3.4	5.5
w	3.5	1.9	• 2	•2								5.9	3.7
WNW	1.3	1.3									i	2.6	3.6
NW	.5	• 9	• 1									1.5	4.8
NNW	.3	•6	•2								T	1.2	4.7
YARSL	i								Γ	i	T		
CALM	\boxtimes	\geq	$\geq <$	$\geq \leq$	\boxtimes	\boxtimes	\geq	$\geq \leq$	\geq	\geq	$\geq \leq$	16.8	
	26.7	31.0	21.9	3.4	•2							100.0	4.4

TOTAL HUMBER OF OSSERVATIONS

93C

USAFETAC FORM G-R-5 (OL+A) PREVIOUS EDITIONS OF THIS FORM ARE OSCILLED

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12610 MACDILL AFB FL 68-70,73-79 MAY

STATION MARE 1468 THER G500-0000

CLASS

CONSITION

SPEED (KNTS) DIR.	1-3	4-5	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	2.5	• 5									4.8	3.9
NNE	1.9	2.0	1.6	•1						T		5.7	5.2
NE	1.8	3.2	2.9	•2								8.2	5.9
ENE	1.7	4.D	4.7	.9					1			11.3	6.5
£	3.5	4.6	4.9	1.1		.1						14.3	5.1
ESE	1.2	3.4	2.8	•5						i		8.0	6.2
SE	1.6	3.4	4.0	• 3						i	i	9.4	6.4
SSE	.4	3.5	3.0	•2			<u> </u>	i — —	 			7.2	6.3
S	• 9	1.5	1.1	.4	+2				 		i — —	4.1	7.G
SSW	•2	.4	•5	.4	•3							1.9	9.6
SW	.5	.4	•5					·	·			1.5	5.8
WSW	. 8	1.4	•5	•3		Γ	l					3.0	5.4
w	2.6	2.4	•2	.4					i — —			5.6	4.4
WWW	1.5	1.7	.3	•1			i					3.7	4.2
NW	•3	•9						i		i	i	1.2	4.5
NNW	•1	• 5	.1		<u> </u>							9	4.9
VARSL	T				·					 		1	
CALM	\boxtimes		\geq	$\geq \leq$	$\geq <$	\boxtimes	\boxtimes	\boxtimes	\times	\times	\times	9.4	
	21.4	Γ	-27.8	5.1	•5	.1						100.0	5.3

TOTAL HUMBER OF OBSERVATIONS 938

USAFETAC ROBER 0-5-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CESCULT

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION	L AFB FL STATION PINE	68-70,73-79	NONTH
	ALL WEAT	HER	3900-110
1	CLAN	,	HOURS (L.S.Y.
	CONDIT	NAME AND ADDRESS OF THE PARTY O	
	CONDIT	ON	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	.4	1.2	.8									2.4	5.7
NNE	•5	1.2	1.1	• 3								3 - 1	6.4
NE	• 5	1.3	2.4	1.2	• 1				1			5.5	8.0
ENE	1.3	2.2	3.5	1.6					1			8.6	7.4
E	• 5	2.4	5.1	2.7		<u>i </u>						10.6	3.6
ESE	• 3	1.9	1.9	2 3 3								5.5	7.9
SE	1.1	3.3	4.4	1,1								9.9	6.9
SSE	2.6	4.4	2.4	•2			1					9.9	5.4
S	2.0	5.3	1.8	1.1	•4		I					10.6	£
ssw	1.2	1.8	2.3	1.6	• 4							7.3	8.
SW	•6	1.4	1.7	1.1	•2							5.1	8.0
\vsw	1.7	1.8	1.0	•2					,			4.7	5 • 1
w	1.2	1.9	• 3	• 43								3.9	5 • 3
WNW	• 5	2.0	1.3	• 2								4.0	6.0
NW	-2	1.8	• 8	• 2								3.0	6.1
N: W	• 8	1.5	49									3.1	5 • 3
VARBL								,					L
CALM		\geq	\geq	$\geq <$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq		$\geq \leq$	2.8	
	15.5	35.5	31.5	13.5	1.2							100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 93.0

USAFETAC FORA 0-8-5 (QL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 63-70,73-79 4.9 NNE 5.7 NE L.VE . 4 1.8 7.9 E 1.9 4.0 8.5 ESE SE SSE .8 SSW 6 • B 4.0 9.5 4.1 SW 2.4 6.0 WSW 2.4 2.0 WNW 7.0 NW VARBL CALM 100-0 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

18 425 42 6 5. J. C. A.

USAFETA AIR WEA	CLIMATOL C Ther ser			Р	DIF	RECTION	AND SI	OF WII PEED VATIONS			SUR	FACE	WII	NDS
12810	MACDI	LL AFB	FL				68-	70,73-	79				×	ΑY
STATION		4		M NAME				, 5 , 1 5		EARS				ONTH
		_				ALL HE								-1700
						c	ASS						HOUR	\$ (L.S.T.)
	:	_				CON	DITION							
	•													
		_												
		,												
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
	N	• 2	•6	• 5									1 • 4	5.8
	NNE	• 1	•6	• 5	•5	• 1							1.9	8.6
	NE	•1	1.6	2.6	1.4	•2							5.7	9.1
	ENE	• 5	1.7	2.5	1.3				L	L	<u> </u>	<u> </u>	6.0	8.0
	E	• 3	1.0	3.4	2.3	•3		ļ	ļ				7.3	9.6
	ESE	+ 3	• 6	1.1	•2	•1					<u> </u>	 -	2.4	7.7
	SE SSE	•1	• 4	• 4	• 1	 		 	 	ļ <u> </u>		 	1.6	6.5
	\$	•4	• 3	1.0	• 9			 	 -	ļ	 	 -	2.6	8.8
	ssw	-4	1.7	3.4	3.3	•2		 	 -			 	9.1	9.4
	SW	• 4	2.3	5.9	1.8	• 3		r	 	 	 	 	10.8	8.7
		1.0	2.7	3.4	1.6				 	 	 	 	8.7	7.4
	wsw			5.2	2.0								12.3	7.4
	wsw w	1.0	4 - 1										9.0	6.6
		1.0	3.8	3.5	• 9		İ	l		l		I H		
	w	•9	3.8	3.5 6.5	1.0								11.2	7.7
	WNW	• 9	3.8	3.5										
	W WNW W	•9	3.8	3.5 6.5	1.0								7.1	7.7
	W WNW NW	•9	3.8	3.5 6.5	1.0	×				×			11.2	7.7
	NW NWW VARBL	•9	3.8	3.5 6.5	1.0	1.3		<u> </u>	<u> </u>	X	<u> </u>		7.1	7.7

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE CONSISTENCE AND $\frac{1}{2}$

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 HACDILL AFS FL	68-70,73-79	МАЧ
STATION MAINTE	YEARS	MONTH
	ALL WEATHER	1800-2000
	CLASS	HOURS (LS.T.)
		•

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	 17 - 21 	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N		.8	1.0									1.7	7.3
NNE	.3	1.4	• 5	.3								2.5	6.4
NE	•2	• 5	1.3	1.3						T		3.3	9.5
ENE	• 2	1.7	2.4	1.7								6.0	8.7
E	•6	2.6	5.1	3.3	•6			· · · · · · ·				12.3	9.1
ESE	•2	• 5	• 6	• 8						 	i	2.2	8.2
SE		1.0	•6	•3	•1			<u> </u>		 		2.0	8.2
SSE	•2	.4		•2	i — —					 		.9	6.4
S	• 2	•6	• 9	• 5					<u> </u>			2.3	7.6
SSW	• 3	1.1	1.1	•8	. 1				 			3.3	8.0
SW	• 5	2.3	3.1	•6					·			6.5	7.2
wsw	• 9	1.9	2.3	•5	•1				 			5.7	6.9
W	1.2	5.3	3.7	.4					 	I	i	10.5	5.1
WNW	1.6	6.3	3.0	.4			ļ		 	 		11.4	5.6
NW	1.9	7.1	4.7	• 5								14.3	6.1
NNW	1.3	4.6	4.3	•1					 			10.3	6 · C
YARBL									 				
CALM	\geq	\geq	\geq	\geq	$\supset \subset$	> <	\boxtimes	> <	$\geq <$	> <	> <	4.6	
	9.8	38.2	34.5	11.9	1.0					F		100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM APE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 68-70, 73-79 MAY ALL WEATHER 2100-2300 SPEED MEAN WIND SPEED (KNTS) DIR. 2.5 3.8 4.0 N • 6 NNE • 9 1.1 . 9 1.4 • 3 4.2 7.2 • 1 NE 3.5 10.2 1.5 3.8 1.4 10.2 2.2 5.2 3.7 21.2 1.6 Ε ESE 1.1 1.5 5.2 6.7 1.0 1.0 SE • 4 1.6 SSE . 8 1.1 2.9 \$ 5.0 • 5 2.6 5.8 1.1 SSW • 2 1.3 2.2 •6 1.3 WSW 3.9 4.3 • 5 3.7 8.7 WNW 2.0 3.0 • 4 5.5 3.9 1.5 3.5 1.7 • 3 3.8 NW • 5 3.5 NNW 4.5 VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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MACDILL AFB FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

68-70,73-79

	~				CON	DITION							
	-					r	1	Y					г -
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 46	41 - 47	48 - 55	≥56	*	MEA WIN SPEE
N	1.4	1.4	•6	•8								3.4	4.
NNE	1.0	1.2	1.0	•2	. 0							3.4	5.
NE	• 9	1.5	1.8	•8	.1							5.1	7.
ENE	1.3	2.8	3.4	1.1					<u> </u>			8.6	6.
£	2.3	4.1	5.6	2.1	• 1	• 0					i	14.2	7.
ESE	. 8	1.9	1.8	• 6	.0							5.1	6 4
SE	• 9	2.1	2.1	• 5	• 0							5.6	5.
SSE	- 8	1.7	1.2	• 3								4.9	6.
S	. 9	1.7	1.2	- 6	.1	<u> </u>			L	 _	L	4.4	6.
SSW	•6_	1.2	1.9	1.1	•2	<u> </u>			<u> </u>	<u>i</u>		5.0	8.
sw	• 5	1.3	2.2	1.0	•1	<u> </u>		<u> </u>	<u> </u>	<u> </u>		5.1	8.
WSW	1.2	2.2	1.6	• 6	.0		<u> </u>	<u> </u>	<u> </u>	ļ <u> </u>		5.6	6.
w	2.2	3.7	1.5	5	•B				L	<u> </u>		7.9	5.
WNW	1.1	2.9	1.4	• 3					<u> </u>	<u> </u>		5.6	5.
NW	- 8	2.2	1.9	-3	ļ					ļ		5.2	6.
NNW	. 6	1.6	1.5	-1								3.8	6.
VARBL	Ļ	Ļ	<u> </u>	Ļ	Ļ	Ļ	Ļ,	Ļ	Ļ,	Ļ			
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	7.8	
	17.3	33.4	36.5	10.1	.7	.0	<u> </u>	<u></u>	<u> </u>	<u> </u>		100.0	6.
									TOTAL NU	MBER OF OB	SERVATIONS		744

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12813	MACDILL AFB FL	68-70,73-79	NUL
STATION	STATION MAME	YEARS	MONTH
		ALL WEATHER	0000-0200
		CLA96	HOURS (L.S.T.)
,			
		CONDITION	

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.6	. 3	•2	• 3								3.4	3.7
NNE	2.4	1.9	• 8	• 2			i					5.3	4.4
NE	2.0	1.4	• 7	•2	•2							4.5	5.4
ENE	2.9	3.7	1.4	•1	•1							8.2	4.6
E	6.6	8.7	5.1	• 4			i		T			18.8	4.6
ESE	1.9	3.8	2.2	•1								8.0	5.2
SE	1.0	1.6	1.6	•6								4.7	6.5
SSE	• 9	3.1	1.9	• 3						i		6.2	5.7
S	• 9	2.1	•7	•6	•1		• 1	Ī		-		4.4	7.0
SSW	-6	• 8	13	•1								1.8	5.4
sw	• 3	• 9	•1	•1					T	T		1.4	5.2
WSW	• 8	2.4	• 9	• 2						T	T	4.3	5.5
w	2.6	3.4	1.3								1	7.3	4.6
WNW	2.1	1.2										3 - 3	2.9
NW	1.0	•1									1	1.1	2.1
NNW	• 3	• 4	•2	•1								1.1	4.9
VARBL	1												
CALM			$\supset <$	> <	$\supset <$		\geq	\boxtimes	\boxtimes			15.9	
	28.8	35.9	15.4	3.4	•4		•1					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

980

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12616 MACDILL AFB FL 68-70,73-79
STATION STATION RANGE
ALL WEATHER
D300-0500
CLAMS
MOURS (LAT.)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.4	• 9		• 1								3.4	2,6
NNE	3.6	2.0	• 3	• 3								6.2	3.9
NE	2.1	1.3	1.0	• 1								4.6	4.4
ENE	3.3	3.9	1.8							i		9.0	4.4
E	5.7	8.4	• 7	• 3								15.1	4.0
ESE	2.9	3.3	• 9							1		7.1	4.3
SE	1.7	3.5	2.1	. 3								7.6	6.0
SSE	2.0	2.0	1.8	• 3								6.1	5.2
5	1.4	1.4	• 3	• ?								3.4	4.5
ssw	. 2	•2	• 5		•2							1.2	8.2
_sw	• 3	1.3	• 3									1.7	5.4
WSW	8	2.8	•8	. 4								4.8	5.7
w	2.6	3.6	• 8									6.9	4.2
WNW	1.3	1.3	• 1									2.8	3.5
NW	1.1	•2										1.3	2.5
NNW	• 3	• 3	• 2	•2	•2					i		1.3	8.7
VARBL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	$\geq \leq$	\boxtimes	$\geq \leq$	\geq	\geq	17.4	
	31.8	35.8	11.7	2.9	.4							100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

D MACD	ILL AF8		E MAN E			68-	76,73-		rEARS				UN
		274110			ALL WE	ATHER							-0800
						LASS .							8 (LS.Y.)
	_				COI	DITION							
	_												
		_											
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	26 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	.9	•1	•2								3.6	3.6
NHE	2.0	2.2	• 7	• 3	I —							5.2	4.5
NE	2.8	3.4	1.7	•4								8.3	5.
ENE	2.8	3.7	2.6	.6					T			9.5	5.
E	5.4	6.7	3.1	• 6		i						15.8	4.1
ESE	2.4	3.1	• 9	•1						i		6.6	4.
SE	1.7	3.4	2.0	• 1								7.2	5.
SSE	1.6	2.0	2.3	•1	1		Ι					6.D	5.
S	1.1	2.1	1.6	.1								4.5	5.
SSW	• 3	•1	• 2	·								• 4	5.
sw	•2	• 4	• 4	• 1				i				1.2	7.
WSW	.8	18	• 9	•1								3.6	5.4
34	2.9	2.8	1.0	•2								6.9	4 .
WNW	1.6	1.7	•3	•1								3.7	4.1
NW	• 7	•8	•1	• 3					_			1.9	5.
NNW	• 2	• 7	•2									1.1	5.2
VARBL													
CALM	$\supset \subset$	$\supset \subset$	$\supset \subset$		$\supset <$	$\supset <$		$\supset <$		$\supset <$	> <	14.1	
	28.6	35.8	18-1	3.4				· ·	 			100-0	4.

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12818	MACDILL AFB FL	65-70,73-7	'9	JUN
#T&TION	STATION RANG		TEARS	MONTH
		ALL HEATHER		0900-1100
		CLASS		HOWES (LS.T.)
		COMOTTAN		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	7	. 8								·		1.4	3.4
NNE	4.3	. 8	.7	• 1	•2							2.1	7.5
NE	•6	2.0	2.4	• 1	. 1							5.2	7.9
ENE	1.6	3.3	3.3	. 4			i					6.7	6.3
E	.7	3.7	3.2	1.1								8.7	6.9
ESE	. 4	1.6	1.8	•6								4.3	6.8
SE	1.8	4.1	1.4	• 3								7.7	5.4
SSE	3.9	7.8	1.7	.4								13.8	4.7
\$	2.8	4.8	1.6	•2								9.3	4.8
ssw	1.9	2.6	1.6	• 4								6.4	5.5
sw	1.0	1.2	.7	.7								3.6	6.4
WSW	2.1	1.3	1.4	•6						_		5.4	5.4
w	3.1	2.4	. 9	• 3	L							5.8	4.3
WNW	1.9	2.6	1.1	.4								5.0	5.3
NW	1.2	2.1	.4									3.8	4.4
NNW	1.4	1.7	. 9	• 2				Ī				4.2	5.0
VARSL													
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.6	
	25.3	42.7	23.1	8.0	• 3							107.0	5.4

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM SA 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

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C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACOILL AFB FL	56-7U,73-79	JUA
STATION	SHAM MOLTATE	YEARS	МОМТН
		ALL WEATHER	1200-1400
		CLANG	HOVES (L.S.Y.)
		COMBITION	

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	2.27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	• 8	• 5	•7								2.3	8.0
NNE	• 2	1.1	.6	•1								2.8	5.1
NE	1 .6	1.8	1.1	• 7								4 - 1	6.7
ENE	• 3	2.6	2.1	•6								5.6	5.8
E	•4	2.1	1.4	1.2						i		5.2	7.4
ESE	•6	•6	•4				1	I — —				1.6	5.2
SE	•6	1.0	.9	.1				<u> </u>			Γ	2.6	5.7
SSE	1.3	1.8	•9	• 2	• 1				1	T		4 4 3	5.4
S	1.7	3.0	1.3	.7	•1	•1			i		i	5.9	640
SSW	1.4	4.0	4.Z	1.2								10.9	6.8
sw	1.1	4 . 2	3.0	1.0		Ι				1		9.3	5.7
.~sw	3.0	5.3	2.1	1.6				<u> </u>				12.0	5.8
w	2.2	7.4	2.6	.6					ī	1		12.8	5.4
WXW	1.3	2.2	2.1	1.1						1		6.8	5.7
NW	+5	2.6	3.6	•3								7.0	6.8
HNW	• 7	2.6	1.3	•1					1		<u></u>	5.2	5.8
VARBL		1	1]				1				
CAUÂ		\boxtimes	$\supset <$		\boxtimes	$\geq <$	\boxtimes	>	\supset	$\supset <$		1.4	
	16.3	43.0	28 - 8	10.1	•2	.1						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ALE OBSOLETE

SURFACE WINDS

1500-1700

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

68-70,73-79

					_ c	LANG						80
	-				cor	DIT JOE						
SPEED (KNTS) DIR,	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	• 7	1.7	1.1	.7		• 1		 				4.2
NNE	. 3	1.0	•9	•4								2.7
NE	• 1	.6	1.4	1.3	•1							3.6
ENE	.4	1.0	2.4	1.3								5.2
E	.6	1.9	1.8	1.3	•2	 	·			 		5.8
ESF	- 4	• 3	• 4	.8	•1	•1			i			2.2
SE	.1	.7	•2	• 3								1.3
SSE	• 4	.7	• 4	•6			1	T		i		2.1
5	.7	1.3	1.3	.8	• 3							4.4
SSW	•6	2.2	3.1	.9		• 1						6.9
sw	8	2.6	3.9	.8								8.0
wsw	6	3.3	3.1	.9	Ī	•1						8.2
W	1.9	5.3	4.8	.3								12.3
WNW	1.8	5.2	3.4	1.0	I		i					11.4
NW	-4	4.3	9.1	.3	• 1							14.3
NNW	.7	2.2	3-3	•4						1		6.3
VARBL												
CALM		$\triangleright <$	><	$\supset <$		$\supset <$	><		$\supset <$	$\supset <$	> <	1.1
	10.4	34.3	40.6	12.2	.9	•4			,			100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC RAM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) JUN 68-70.73-79 MACDILL AFB FL ALL KEATHER 1800-2300 SPEED (KNTS) MEAN WIND SPEED 1.9 1.7 4.7 5.3 1.0 _ • 7 •1 . 4 2.9 6.5 NNE •6 1.4 1.2 9.1 NE 9.1 2.0 ENE • 4 1.7 2.2 5.6 8.3 2.9 9.0 2.8 2.2 E • 9 1.2 • 9 • 9 4.0 6.9 1.3 • 4 9.0 •1 1.9 3-1 SE SSE 1.2 • 2 1.6 •2 3.3 7.0 9.0 • 1 1.2 • 9 3.6 1.9 6.2 .8 SSW • 2 6.4 1.6 1.5 3-1 SW 3.0 2.8 5.8 5.7 WSW 6.9 12.7 3.0 •1 2.4 5,3 1.3 4.4 2.3 5.1 5.5 WNW NW. 7.0 13.0 2.0 VARSI 100.0 TOTAL NUMBER OF OBSERVATIONS 908

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETS

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIR,	1.3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥54	*	MEAN WIND SPEED
н	4.6	1.2	• 3	•6								5 5.7	3.7
NNE	1.9	1.2	- 8	. 4								4.3	5•(
NE	.8	1.1	1.3	1.3								4.5	3.0
ENE	1.3	2.3	2.7	• 8	•1							7.2	6 • 5
E	3.9	7.1	4.4	• 9	• 1							16.4	5.7
ESE	2.2	3.7	1.1	. 4								7.4	5.0
SE	1.0	2.1	1.1	•2						<u> </u>		4.4	5.6
SSE	.7_	1.3	1.6	• 1	. 1							3.8	6.6
S	1.1	1.6	•4	• 3	•2	• 1	İ					3.8	7.0
SSW	•2	• 7	3									1.2	5.4
SW	.5	. 8	.7									2.0	5.4
wsw	1.3	2.3	-6						<u> </u>			4.2	4.4
w	2.9	5.4	1.1							I		9.4	4.5
WHW	3.7	2.4	• 2									5.3	3.6
NW_	3.0	- 8										3.8	2.6
New	1.8	1.6	•1	•1	-1							3.7	4.2
VARSL				Ī				i		i	L		
CALM	$\geq \leq$	$\geq \leq$	\times	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\boxtimes	\boxtimes	\geq		10.7	
	30.4	35.7	16.8	5.2	.7	.,						105.0	4.5

TOTAL NUMBER OF DESERVATIONS

900

USAFETAC 2084 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 ALL WEATHER SPEED 1 - 3 7 - 10 11 - 16 17 - 21 22 • 27 48 - 55 ≥56 1.0 4.7 1.9 •0 1.4 1.2 1.5 4.8 NE 5.6 1.6 2.8 2.3 7.5 ENE • 7 5 . Z 3.0 5.2 2.6 1.9 11.8 1.5 5.2 ESE •0 1.0 • 4 SE 2.1 1.3 •0 4.8 5.1 • 3 SSE 1.4 2.5 1.5 5.7 •0 2.2 5.1 \$ 1.2 1.1 .4 •3 .7 1.4 1.5 • 0 4.1 6.5 SSW 1.6 1.3 • 3 3.8 6.6 SW 2.8 1.3 •0 6.0 WSW 2.6 4.7 1.9 • 2 9.4 5.0 2.6 WNW 1.9 1.2 • 3 6.1 1.3 2.2 2.1 5.8 1.1 NNW VARBL 8.5 CALM 100.0 TOTAL NUMBER OF ORSERVATIONS 7200 USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 0000-0200 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND SPEED NNE 1.2 1.0 2.4 ENE 4.0 1.2 E 8.3 3.2 ESE 3.0 SE 1.4 7.6 SSW SW 2.4 WSW 1.5 w 6.8 3.1 WNW NW NNW 14.4 TOTAL NUMBER OF OBSERVATIONS USAFÉTAC FORM 0-8-5 (OL-A) PREVIOUS ÉDITIONS OF THIS FORM ARE OBSOLÉTE

E CY GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 MACDILL AFB FL 68-70,73-79 0300-0500 ALL WEATHER SPEED (KNTS) DIR. MEAN WIND 1 - 3 22 - 27 SPEED NNE 2.3 1.0 2.2 NE 1.1 ENE 2.6 8.0 C 4.6 ESE .4 2.D 4.2 1.7 8.3 5.7 SSE 1.7 3.9 2.2 4 • C 6.7 5.1 \$ 1.4 1.2 • 3 •2 5.0 ·• 3 •6 1•8 1.8 4.0 • 3 WSW 2.4 2.6 5.3 • 3 1.1 • 3 2.5 WNW • 3 • 3 •3 • 4 NNW VARSL 18.0 100.0 TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC TORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MAC	DILL AFB FL STATION MANE	68-70,73-79) YEARS	JUL
,	A	LL WEATHER		0600-0800 HOURS (LS.T.)

SPEED (KN7S) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	_,5	• 3										. 9	2.9
NNE	1.3	• 9										2.2	3.3
NE	. 9	1.5	• 4									2.8	4.5
ENE	3.7	3.7	2.6	•1								10.0	4.9
E	6.7	8.4	3.1	•2								18.4	4.6
ESE	2.4	5.2	2.0	.1								9.7	5 • B
SE	2.5	6.8	2.7	•5								12.5	5.5
SSE	1.7	4.3	2.7	•3								9.0	5.7
\$	1.5	3.0	1.7									6.2	5.2
SSW	• 3	• 9	• 3									1.5	4 • 5
SW	• 3	1.0	•8									2.0	5.5
wsw	1.2	1.6	• 5									3.3	4.5
w	2.0	2.8	•3	•1								5.3	4.1
WNW	.4	1.3	•1								l	1.8	4.4
NW	•1	• 4	•1		_							• 6	4.7
NNW	•3					Ţ	T					• 3	1.7
VARSL													
CALM	> <	$\supset <$	$\supset \subset$	$\supset <$	$\supset <$	$\supset <$			$\supset <$	$\supset <$		13.4	
	25.8	41.9	17-4	1.4								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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MACDILL AFB FL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

	_				ALL WE			 				0900	-110
						LA96						mov.	4 (LZ.)
	-				con	DITION							
i	-												
,		,			,			,		, ,			
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME. WII SPE
N	.4	•8		.2	 -							1.4	5
NNE	• 3	• 2										• 5	2
NE	• 4	•3	• 9	•2				T				1.8	6
ENE	• 3	2.3	1.5	• 4								4.5	6
E	1.2	3.1	3.8	• 3	•1	 		1				8.5	ŕ
ESE	1.2	2.3	2.5	• 3								6.2	6
SE	2.6	6.2	2.2	• 4	• 1							11.5	3
SSE	5.8	8.3	3.0	• 3								17.4	4
S	4.6	5.7	2.8	• 3								13.4	4
SSW	2.2	2.9	2.8	• 5				ļ				8.4	6
sw	• 9	12	1.1	• 5								3.7	5
WSW	1.2	1.5	1.2	•2								4.1	5
w	2.4	2.4	1.3	• 1					I			6.1	4
WNW	• 6	1.2	• 8						1			2.5	5
NW	• 5	1.67	• 9					L				3.1	5
NNW	1.0	1.5	• 2	• 1								2.8	4
VARBL								l				ł	
CALM												3.9	1

TOTAL NUMBER OF OBSERVATIONS 930

100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC Alm Weather Service/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68-70,73-79	JUL
STATION	STATION MANE	YEARS	NTRON
•	ALL	WEATHER	1200-1400
:		CLASS	MOURS (L.S.T.)
		CONDITION	

SPEED (KN75) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	. 4	1.4										1.8	4.1
NNE	• 2	• 4	.6	L								1.3	5.6
NE		. 4	- 8	.1								1.3	7.8
CNE	•2	1.3	1.9	- 4								3.9	7.4
E	. 9	2.4	1.6	• 8								5.6	6.9
ESE	.1	1.2	• 9		• 1							2.3	6.9
SE-	. 6	1.6	1.5	. 4								4.2	6.5
SSE	• 3	2.6	•6	• 2			• 1					4.4	5.9
5	1.9	5.3	1.9	. 4	.1							9.7	5.4
SSW	1.3	3.9	5.2	1.3	.3		<u> </u>					11.9	7.5
sw	1.6	3.0	4.3	1.9	•1							11.0	7.5
wsw	2.3	5.7	3.3	•2								12.5	5.4
W	4.1	6.9	3.2	.4					<u> </u>			14.6	5.2
WNW	1.0	2.7	2.5	.4	i							6.6	6.4
NW		2.2	1.5	-			<u> </u>					4.1	5.9
NNW	•1	1.4	1.0	. 1	1							2.7	6.9
VARSL			,	**								1	
CALM	X	$\geq \leq$	><	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq <$	$\geq \leq$	><	2.3	
	16.0	43.2	30.9	6.8	. 8		.1					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC ROAM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	ILL AFB FL	68-79,73	- 79	JUL
STATION	STATION NAME		TEARS	Nonth
		ALL WEATHER		1500-1700
		CIAN		MOURS (L.S.T.)
		CONDITION		

SPEED (KNTS) DIR.	1-3	4-6	. 7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
И	1.2	1.5	1.4	.1								4.2	5.5
NNE	•4	.8	• 3	•2								1.7	5.7
NE	• 5	1.2	• 5	• 3		• 1						2.8	6.5
ENE	•5	1.1	. 4	•9								2.9	7.3
E	• 4	1.9	2.4	1.1	.4							5.2	8.7
ESE	• 3	• 9	1.1	•5	•2					1		3.9	8.8
SE	• 1	1.3	1.2	• 3	•2							3.1	8.5
SSE	•4	• 9	• 9	•2	•1	•1						2.6	7.5
5	•5	2.8	1.1	•5	•1						·	5.1	6.7
SSW	•4	1.9	4.4	1.5	.1							6.5	8.2
SW	•5	2.8	5.2	1.8								18.3	7.9
wsw	1.1	3.9	3.8	• 5								9.2	6.7
w	2.3	6.5	4.2	•8								13.7	6.8
WNW	1.3	3.2	2.8	•8								8.1	6.4
NW	•6	3.4	4.5	•5								9.2	6.8
MMW	•6	3.2	2.4	•3								5.6	6.1
VARBL													
CALM		$\geq \leq$	$\geq \leq$	\geq	\boxtimes	\geq	$\geq \leq$	\geq	\boxtimes	$\geq \leq$		2.5	
	11.5	37.2	36.6	10.5	1.2	•2				İ		100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FRO/A HOURLY OBSERVATIONS)

12810 MPC0",L AF8 FL 68-70,73-79 JUL

STATION BARE ALL WEATHER 1800-2006

CLASS

ONE OF TAXABLE AREA TO A TAXABLE AREA T

MEAN WIND SPEED SPEED (KNTS) 17 - 21 NNE 2.6 5.0 1.0 4.9 2.8 1.4 1.7 4.3 3.0 10.3 6.8 ESE 2.0 4.1 • 6 SE 1.0 6.6 1.8 1.8 .6 SSE 4.1 5 6.0 • 3 4.7 SSW 1.8 6.3 SW WSW w WNW 1.4 3.0 5.3 NNW 6.0 4.4 VARBL

TOTAL NUMBER OF OBSERVATIONS 930

USATETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFS FL 68-70,73-79 JUL

STATION STATION NAME ALL WEATHER 2100-2300

CLASS CLASS

SPEED 17 - 21 1 - 3 7 - 10 11 - 16 3.4 1.8 1.1 3.0 • 8 •1 2.8 3.7 2.7 1.3 1.7 3.4 2.5 3.0 1.4 •2 7.3 4.1 15.9 •1 •1 3.5 3.0 ESE 1.9 8.6 SE 1.1 1.9 5.5 SSE • 8 2.0 1.8 4.9 1.0 1.3 2.6 SSW 2.0 • 6 1.7 2.4 4.9 4.6 WSW 3.4 4.4 8.3 2.2 1.7 3.9 3.3 1 .7 •1 2.3 3.0 •4 1.0 .4 NNW VARBL

TOTAL NUMBER OF OBSERVATIONS 930

100.0

USAFETAC $\frac{\text{form}}{\text{JR}_{i}}$ 0-8-5 (OL-A) previous editions of this form are obsolete

C

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACOI	LL AF8	FL		69-70,73-79								JUL	
STATION			STATIO	BALBE					1	FLAME			•	MATH
		_				ALL WE	ATHER						A1	LL
		_				c	ASS.						2012	6 (LST.)
		_				COM	317x06							
	SPEED (KNTS)	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
	DIR.												1	SPEED
	_ N	1.1	_,9_	• 3	.1								2.3	4.1
	NNE	1.4	•7	_•2	0								2.3	3.4
	NE	. 9	1.0	_• 5	•1		•0						2.6	5.0
	ENE	1.7	2.B	1.5	• 3								6.2	5.3
	E	4.2	5.5	2.9	•6	. 1							13.3	5.2
	ESE	1.8	2.6	1.5	• 3	3.							6.2	5.4
	SE	1.4	3.6	1.8	. 4	9.						i i	7.3	5.8
	SSE	1.6	3.2	2.0	.3	-0	•0	•0			<u> </u>		7.2	5.7
	\$	1.7	3.7	1.7	•2	÷				 			7.4	5.4
	500		1 0	3 0		_			 		i	 	1 6.1	4 8

ESE	1.8	2.6	1.5	• 3	3.							6.2	5.4
SE	1.4	3.6	1.8	. 4	9.							7.3	5.8
SSE	1.6	3.2	Z.0	.3	-0	•8	• 0					7.2	5.7
5	1.7	3.7	1.7	• 2	7						i	7.4	5.4
SSW	. 8	1.8	2.8	• 5]							5.1	6.8
SW	.7	1.7	2.0	.5	.0							4.9	5.9
WSW	1.5	3.0	1.6	•1								6.2	5.3
W	2.7	4.5	17	.2								9.1	4 • Ş
WNW	1.1	1.8	1.0	• 2								4.1	5.3
NW	•8	1.7	1.1	-1								3.7	5.6
NNW	.8	1.2	•5	•1	.0							2.6	5.0
VARSL	į												
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\mathbb{X}	$\geq \leq$	><	\times	X	><	9•6	
	1	I — —	22.2		-3	•17	•0					100-0	4.9

TOTAL NUMBER OF OSSERVATIONS 7447

USAFETAC __RE 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND ORSOLITE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

SPEED (KNTS) DIRL	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	***************************************	MEAN WINC SPEED
H	1.6	• 5	• 3									2.6	3.6
NNE	2.4	1.3	• 2								L	3.9	3.3
NE	2.2	1.5	•5	•1						1		4.3	4.[
ENE	3.6	7.4	3.3	•2							i — —	14.5	5.5
E	9.3	15.0	3.7		1					1		1 25.9	4 . 3
ESE	2.4	4.1	1.1				!		1			7.5	4.3
SE	2.7	3.0	1.2						1	Ī		6.9	4 . 8
SSE	1.3	3.0	2.4	•1	T		ļ ———					6.8	5.9
\$	1.5	1.3	1.3	•1	•2							4 -4	6.1
SSW	• 4	•8	•1	•1				i	T	I		1.4	5.3
SW	•2	. 8	•1							[1.1	4.
W2W	• 5	• 4	•1									1.1	4.
w	•6	• 5		1		1	1	1				1.3	3.
WNW	.5		•1						1	1		. 6	3.
NW	4	• 5	•1		!							6	_5•!
HHW	• 3	•2										.5	3.
VARM												ğ	
CALM	$\geq \leq$	$\triangleright <$	\boxtimes	$\supset <$	\boxtimes	$\geq \leq$	\boxtimes	$\triangleright <$	\boxtimes	$\triangleright <$	$\geq \leq$	15.5	
	29.5	38-6	14.5	.6	•2							100.0	3.

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AFE DISOLET

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDI	LL AFB	F L STATION				_68-	79.73-		TAGE .				U 6
		2/1.00			•••	4 TUE 0		•					-0500
	-				ALL WE	ATHER							8 (LAT.)
	-				Chi	6 17300							
	_												
SPEED													MEAN
(ICNTS) DIR.	1-3	4-6	7 - 10	1 11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	SPEED
N	1.0	. 3										1.3	2.6
NNE	2.8	1.5	- 3									4.6	3.4
NE	5.1	2.5	•6	<u> </u>								5.8	3.9
EME	4.0	ರ • ਹ	2.5	.1								14.5	7.8
€ .	12.5	11.4	2.3	. 2								25.9	3.€
ESE	3.2	4.2	1.1									8.5	4.3
SE 8	1.2	3.1	8•									5.1	4.8
35E	1.9	3.8	1.5	.3								7.5	5.2
S	. 9	2.8	1.5	.1		Ī		1				5.3	5.7
ssw	-1	5	- 1		• 1							. 9	5.3
sw	.3	.8	•2	L		[L		I		1.3	4.8
WSW	•2	• 3	•2									1.2	4.3
w_	. 4	•5				I		<u> </u>				1.G	3.3
WWW	1	.2			, — —			1	1		1	. 3	3.3
NW		•1	-1		i							• 2	7.5
HHW	•2	• 3			_	l		i	i		i	•5	3.8
VARM				Γ			1				7	ŧ	

TOTAL NUMBER OF OBSERVATIONS

930

100.0

USAFETAC 28 64 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLDE

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 0600-0800 HOURS (L.S.Y.) 17 - 21 22 - 27 NNE • 6 2.2 NE 5.5 ENE 4.8 12.7 •3 Ε 7.2 4.3 4.7 8.4 4.9 2.6 ESE 4.4 • 4 SE 1.5 5.8 2.6 • 2 11.1 5.5 SSE 0.5 4.5 5 1.6 •1 • 2 • 9 2.5 6.7 SW • 3 • 3 • 1 **WSW** • 5 WNW 4.4 NW NNW VARBL TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM (48-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE GREGOLETE

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O

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

		. 2			Ċ	LA\$6				_ _		HOUR	\$ (L.S.
					con	DITION							
•	_												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	M W SP
N	. 9	. 8					·					1.6	3
NNE	• 5_	. 4	.6									1.6	5
NE	• 3	1.1	1.3	•2								2.9	7
ENE	• 9	4.2	3.7	1.1								9.8	6
E	1.4	6 • 5	7.8	1.4			i					17.1	7
ESE	1.4	2.9	4.0	6								8.9	6
SE	2.4	9.2	4.3	• 5								16.5	5
SSE	2.7	6.9	2.7	.4								12.7	5
8	2.8	4.5	2.7	. 3								10.3	5
SSW	• 5	12	1.4	• 3		<u> </u>						3.4	6
sw	.3	.9	- 8	• 3	• 1							2.4	6
WSW	. 9	•.9	1.2	.1						<u> </u>		3.0	5
w	1.0	•5	3	•2	•1						L	2.2	5
WNW	•2	161	1.0	- 2.4	 	<u> </u>	<u> </u>					2.5	6
NW.		.6	•.3				L	ļ				1.1	_5
NNW		8	•2					<u> </u>				1.4	4
VARBL			<u> </u>	ļ		ļ	Ļ.,	Ļ		ļ			<u> </u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.7	
	16.7	42.4	32.3	5.8	.2	_	1		1	1		100.0	5

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDILL AFB FL	68+70,73-79	AUG
STATION	STATION MANE	YEARS	MONTH
		ALL WEATHER	1205-1400
1		CLASE	HOVES (L1.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	• 3	1.1	٤.	. 1				T				1.8	5.8
NNE	• 3	1.4	•6	•1	• 1							2.6	6.4
NE	• 5	1.9	1.1	•2						i		3.8	6.0
ENE	• 4	4.3	2.7	•8	•1		Γ					8.3	6.9
E	1.5	3.9	3.9	1.6	•1							11.0	7.1
ESE	•5	2.0	1.6	. 6								4.8	5.6
SE	• 4	2.9	1.7	•2		Ī ——						5.3	6.1
SSE	1.2	3 • 8	`•9	+4								6.2	5.3
\$	2.2	3.3	1.8	•.5								7.5	5.2
SSW	1.4	3 6 2	3.3	1.2								9.1	6.8
SW	• 8	2 . 5	3.3	•6						i		7.2	6.8
WSW	1.9	4.8	1.2	4 √3						i		8.3	5.0
w	2.0	7.6	2.5	ĕ 2								12.4	5.2
WNW	1.2	1.7	è 6	34	•1					i		4.1	5.7
NW	• 2	.•8	• 9	•2	*					i		2.0	7.1
NNW	.4	1.2	• 9	62						<u> </u>		2.7	6.4
VARBL			^										
CALM		$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\geq	\boxtimes	\geq	$\geq \leq$	\boxtimes		2.9	
	15.4	46.5	27.3	7.5	•4							100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

68-70,73-79

SPEED (KNTS) DIR. N NNE NE ENE E SSE SSE SSS SSSW SW	1 · 3 1 · 2	4-6 1.5 1.1 1.1 2.0 2	7-10 1-1 1-3 1-7 3-3 3-7	11 - 16 - 2 - 2 - 2 - 1 - 4 - 2 - 0	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	% 4.0 3.2 3.4 8.1
(KNTS) DIR. N NNE NE ENE ESE SSE SSE SSSW	1.2 .6 .4 1.0 1.3	1.5 1.1 1.1 2.0	1.1 1.3 1.7 3.3 3.7	•? •2 •2 1•4	• 5	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	4.0 3.2 3.4
NNE NE ENE ENE ESE SSE SSSSSSSSSSSSSSSS	.6 .4 1.0 1.3	1.1 1.1 2.0	1.3 1.7 3.3 3.7	• 2 • 2 1 • 4								3.2 3.4
NE ENE E ESE SE SSE SSW	.6 .4 1.0 1.3	1.1 1.1 2.0	1.3 1.7 3.3 3.7	• 2 • 2 1 • 4								3.2 3.4
ENE E ESE SE SSE SSE SSSE SSW	1.0 1.3 .8	2.0 2.0	1 • · 7 3 • · 3 3 • · 7	•·2 1•4								3.4
E ESE SE SSE SSW	1 • · 3 • 8	? <u>.</u> D	3.3									8.1
ESE SE SSE S	1 • · 3 • 8		3.7	2.0		·						
SE SSE S	. 8						I					9.1
SSE S SSW			1.2	• 9								4.0
S SSW	-3	1.0	1.5.1	•3	•1							2.8
S5W	• 3	1.8	1.2	• 3	•1	•1						3.9
-#-	.4	1.0	1.8	. 4								3.7
sw	.4	2.5	3.0	• 6								5.6
	1.2	3.0	4.6	1.0								9.8
wsw	1.3	3.5	2.5	• 2						i		7.5
w	2.4	4 - 1	3.5	• 2								10.2
WNW	1.0	3.5	2.5	•.2								7.2
NW	•6	3.0	2.3	• 3								5.2
NNW	1.5	2.7	1.6	•2								6.8
VARGE	٠.x		3									
CALM	><	\times	\geq	\geq	\geq	$\geq \leq$	\geq	\times	\geq	$\supset <$	><	4.3

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC. FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE COSCUETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) €. 12810 MACDILL AFB FL 68-70,73-79 € 1800-2608 ALL WEATHER C SPEED (KNTS) DIR. C 5.8 2.3 3.8 1.0 5.0 • 5 4.5 1.1 1.6 6.5 NE ENE • 8 3.1 2.8 .8 7.6 2.6 6.4 1.4 O •2 1.0 2.9 ESE 1.8 6.8 5.9 1.0 SE • 2 1.4 • Z 6.7 3. .4 SSE • 3 • 9 7.1 2.4 C 1.0 1.8 •6 3.7 1.5 1.0 1.6 SSW .1 •2 1.2 1.6 SW WSW • 8 ·•·5 1.0 2.2 3.2 6.4 4.5 1.2 4 . 6 WNW 3.2 1.8 1.1 6.1 NW NNW 2.2 `•₿ 6.3 VARBL 13.3 100.0 4.9 TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH 2 SURFACE WINDS USAFETAC AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 68-70,73-79 Ü C C SPEED MEAN WIND SPEED (KNTS) DIR. 1 - 3 7 - 10 N NNE NE 4.5 2.2 1.0 5.3 2.1 2.7 • 2 10.2 5.1 Ε 6.6 9.8 8.3 25.6 5.5 G ESE 1.9 •5 5.4 SE 1.3 4.4 5.1 2 ..: SSE • 8 C SSW .4 2.1 0 wsw • 4 • 8 WNW • 9 • 4 NW 2.1 3.3 NNW 3.5 1.8 VARBL TOTAL NUMBER OF OBSERVATIONS

0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH 2 SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) ŧ MACDILL AFB FL 68-76,73-79 HOURS (L.S.T.) MEAN WIND SPEED 3.0 3.7 1.0 1.6 1.8 1.2 4.3 .6 NNE • 1 1.3 1.7 1.3 4.4 NE 3.2 5.2 5.9 2.0 11.1 ENE •1 • 6 5.2 8.0 5.0 1.0 •0 19.3 Ε 0 1.7 7.0 5.5 1.7 3.1 •0 ESE . 4 1.3 3.7 1.7 •2 •0 6.8 5.6 •0 SSE •3 5.6 1.3 3.1 1.6 • 0 6.3 C •2 \$ 1.5 1.3 2.3 .0 5.6 1.4 1.3 3.5 6.5 SSW •.3 • 0 •0 1.4 3.7 • 5 1.4 •-3 6+6 SW 0 •8 3 • 3 5.3 wsw • 8 1.6 • 1 1.0 •1 4.7 1.4 2.3 •0 w 2.7 5.3 WNW • 6 • D 1..2 2.4 5.4 •5 ¥6 •1 NW 4.9 • 5 NNW . 8 • 1 VARBL 10.3 4.9 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

4

33

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 8609-0200 HOURS (LAT.) 7 - 10 ≥56 1.0 3.9 6 NE 2.8 ENE 3.4 5.5 4.0 5.7 E 14.2 1.7 4.9 SE 4.2 6.0 SSE 5 SSW S₩ wsw w 1.4 WHW NW • 4 NNW TOTAL NUMBER OF OBSERVATIONS

12810

MACDILL AFB FL

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

	-				ALL WE	ATHER						0.300	-U501
	_	 			col	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	22 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND
N	2.9	1.6		•1								4.6	3.
NNE	5.0	2.9	1.8									9.7	4 . :
NE	2.8	3.9	2.3	• 1								9.1	5.0
ENE	4.7	5.6	3.6	•6								14.3	5.1
E	9.7	10.9	2.6	•1		1						23.2	4.1
ESE	2.7	3.0	1.3									7.0	4.5
SE	1.2	1.9	•6	.4								4.1	5.5
SSE	_ •8	1.0		•6	•2							2.6	6.8
S	•2	•7	• 4									1.3	5.7
SSW	•1	•1										• 2	3.5
SW	• 3	•1					Γ					- 4	2.8
wsw	• 7	• 3										1.0	3.4
w	1.0	1.0	•1									2.1	3.8
WWW	1.1	• 7	•2									2.0	3.9
NW	8•	• 1										• 9	2.6
NNW	- 4	• 4	•1	•1								1.1	5.0
VARBL				1									
CALM												16.3	

USAFETAC FORM D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

0600-0800

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

67-70,73-78

	_				CER	OITION .						
	-											
SPEED (KNTS) Dirk.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	20 - 33	34 - 40	41 - 47	48 - 55	≥56	*
N	1.9	• 7	.7									3.2
NNE	3.7	4.2	1.8	• 1								9.8
NE	2.2	5.0	3.6	• 9								11.7
ENE	4.6	6.9	6.4	•8								18.7
E	6.9	8.7	3.9	- 44								19.9
ESE	1.8	3.7	1.3									6.8
SE	1.2	3.7	1.0	•1								6.0
322	_•2	•9	.7	•2								2.0
\$	-8	- 8	.6	•1								2.2
SSW	• 3	•1	.1	·							Г	• 6
sw	7	.1	.1			<u></u>						. 9
wsw	.4	4.8	-2									1.4
w	-8	.9	•1		i					<u> </u>		1.8
WNW	.7	8						L				1.4
NW	•3		<u> </u>									.3
NHW	.1	. 4	.1				L				<u> </u>	.7
VAREL												<u> </u>
CALM	><	><			><	><	$\supset \subset$		> <	$\supset <$		12.7
	26.6	37.6		2.7						 		100.0

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12810

SURFACE WINDS

0900-1100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

67-70,73-78

			_					_	_				
	_				COR	30171G							
	_						 -			_			
SPEED (KNTS) DIR,	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	
N	.8	.8	•9				•					2.4	Π
NNE		1.3	1.9	• 4								3.7	
NE	• 5	2.6	3.8	1.4								8.3	Т
ENE	2.7	3.9	6.0	2.6								15.1	П
E	1.6	7.1	8.9	1.8					1			19.3	Т
ESE	1.2	2.2	3.2	• 5								7.2	Т
SE	2.0	5.2	2.7	• 3								10.2	Т
SSE	3.4	4.7	1.1	•2								9.4	Т
5	2.0	3.3	• 9	•2								6.4	
ssw	• 9	1.1	. 4	÷2								2.7	Г
SW	.4	1.0	•2	• 1								1.8	Π
wsw	- 4	• 4	• 3	•2								1.4	Π
_w	• 8	1.3	- 3	•2								2.7	Π
WNW	1.0	11	. 4	• 1								2.7	\prod
NW	. 7_	•7	<u>.</u> 7	• 2								2.2	Γ
NNW	1.0	•6	.7									2.2	Г
VARBL													Г
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	2.1	L
	19.4	37.3	32	9.7								100.0	Γ

C

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12818 MACDI-L AF8 FL 67-70,73-78 SEP

STATION NAME ALL WEATHER 1209-1409

CLASS SOURCE (LE.T.)

SPEED (KNTS) DIR.	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	.4	1.0	•6									2.0	5 • 4
NNE	• 4	1.7	.9	• 2								3.2	5.9
NE	1.7	1.4	3.2	1.1			• 1					7.5	7.4
ENE	. 9	1.8	4.3	1.7	•1							8.8	8.0
E	1.7	3.9	5.2	1.2	•1					1		12.1	7.0
ESE	•2	1.4	• 9	1.0	.1							3.7	8.0
\$E	•1	1.7	2.2									4.8	5.8
SSE	2.0	3.6	1.1	•2								5.9	4.9
5	2.7	4.0	12	•3						i		8.2	4.9
SSW	• 9	3.2	1.4	•3								5.9	5.8
SW	1.4	2.3	•7	•4	•1							5.0	5.5
wsw	2.9	3.3	1.0	• 3						i		7.6	4.6
w	3.8	5.4	1.9	•3								11.4	4.8
WNW	.9	1.9	1.2	.4								4.4	6.2
NW	• 7	1.1	1.4	•6		!						3.8	7.3
NNW	. 2	1.5	1.8	•3								3.9	7.0
VARBL													
CALM	$\geq \leq$	>>	\geq	\times	\geq	\boxtimes	\boxtimes	\geq	\times	\times	\times	1.6	
	20.9	39.3	29.1	8.6	.4		.1					100.0	6.0

TOTAL NUMBER OF OSSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLET

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/HAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 67-70,73-78 12810 MACDILL AFB FL 1500-1700 ALL WEATHER BOYES (L.S.T.) C MEAN WIND SPEED SPEED (KNTS) 1.3 7 - 10 11 - 16 17 - 21 22 - 27 ≥56 • 5.2 1.2 2.2 5.8 N 1.6 NNE 1.4 1.0 3.4 5.8 2 - 1 2.4 7.3 8.Z •7 2.1 NE 9.2 7.8 ENE • 3 1.9 3.2 1.8 •6 •8 2.1 3.6 1.3 7.8 7.4 E 1.9 3.7 7.5 ESE •6 1.6 •6 • 3 SE . 4 • 7 •8 2.8 8.1 •2 2.1 • 8 7.9 SSE -6 • 4 • 3 •9 1.6 •6 3.3 7.8 •3 3.3 1.2 6.3 1.6 •2 SSW 1.9 1.7 5.1 SW 1.0 1.4 2.7 •2 5.3 5.0 WSW 2.6 5.4 2.6 1G.6 5.0 5.6 1.2 2.3 •2 WNW 4.7 8.4 6.0 4.8 13.3 6.2 7.7 3.8 2.7 • 3 NNW 6.1 VARBL 2.8 100.0 TOTAL NUMBER OF OBSERVATIONS 900 USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12610	MACDILL AFB FL	67-76,73-78	SEP
STATION	STATION MAINE	Wiles	2041E
	ALL	L WEATHER	1800-2009
		CLASS	HOUS (LAT.)
		CONDITION	

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
N	4.1	3.7	. 9									8.7	3.7
NNE	2.8	2.5	•8					<u> </u>		1		6.1	4.i
NE	1.0	2.3	3.4	2.3	. 1							9.2	3.1
ENE	.7	3.2	4.9	2.3								10.2	7.9
ž	2.1	4.7	4.7	1.8							I	13.2	6.8
ESE	.7	1.2	1.3	•6	1	.1						4.0	7.5
SE	5	-8	1.0	44			:					2.8	7.2
\$\$E	2	• 6	• 4	•2								1.5	5.4
S	7	1.3	.4	•3			I					2.8	6.2
ssw	• 3	• 5	•1					1				1.0	4.8
SW	- 4	.9	- 1					Ι –				1.4	4.1
wsw	•2	1.2	. 4									1.9	5.3
w	2.3	2.4	1.1									5.9	4.4
WWW	1.5	3.3	•9						1			5.8	4.7
NW	3.2	4.0	1.8	•2						1_		9.2	4.6
New	3.0	4.9	2.2					i -				9.2	4.6
VARM													
CALM	\boxtimes	\boxtimes	$\ge $	$\geq \leq$	\geq	\geq	\geq	\boxtimes	\geq	\boxtimes	\boxtimes	7.1	
	23.9	36.6	23.7	8.2	2	.1						100.0	5.4

TOTAL NUMBER OF OSSERVATIONS 988

USAFETAC FORM 0-8-S (OL-A) MEVIOUS EDITIONS OF THIS FORM AND ORSOLET

GLOBAL (USAFLTA) Alr WEA	;	. , .			DIR	ECTION	AND SE	OF WIN			SUR	FACE	11W	NDS
12816	MACDI	LL AFB	FL				67-7	70,73-7	78				Sa	<u>.</u> P
STATION		,	STATION	MANE		ALL WE				FEA BS			2100	
		_					ASS DITION						NOVE:	8 (S.S.T.)
		_							 -					
	SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	5.2	3.0	•2									8.4	3.
	NNE NE	1.6	2.3	4.4	1.9								7.7	7.1
	ENE	1.9	5.6	5.7	1.2	•2	·						14.6	6.
	E	3.8	8.8	8.7	1.1								22.3	6.
	ESE	1.6	2.8	1.2	•1								5.7	4.
	SE	•6	8•	1.3	• 2								2.9	5.
	SSE S	•6	• 9	•9						 			2.3	5.
	SSW	• 9	•6	a 4						 -			•1	2.
	3W	•2	• 3	.1						 			•7	4.
	WSW	• 3	• 7							1			1.0	3.
	W	1.1	1.7										2.3	3.
	WNW	1.8		•1								<u> </u>	2.4	3.
	NW	1.3	1.0	• 4						 	·		2.4	3.
	VARBL	1.03	***							 				-·
	CALM	\times	\geq	\geq	>	\times	$\geq \leq$	$\geq \leq$	\geq	\geq	\times		12.3	
		26.4	31.7	24.6	4.8	•2							0.00	4.
	i		•							TOTAL NU	ABER OF OBS	ERVATIONS		90
	٠.,													
	¥													
		. USAFET,	ÁC SORM O)-8-5 (OL-A)	PŘEVIOUS EDIT	TIONS OF THIS	FORM ARE OR:	, SOLETE						

in is

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MACDILL AFB FL STATION MANE 67-70,73-78 1.3 7 - 10 17 - 21 NNE 2.5 2.4 1.2 .0 6.3 4.7 C NE 1..6 2.8 3.2 . 0 .0 4.3 2.4 4.7 1.5 12.9 6.7 . 1 E C ESE • 0 2.5 SE 2.0 6.0 1.0 1.7 0 \$ 1.0 . 4 SSW .8 SW . 4 . 9 WSW .4 w 1.7 .8 5.0 4.5 1.4.7 1.1 .7 1.6 1.1 NHW VARBL 5.1 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MACDILL AFB FL 12810 67-70,73-78. ALL WEATHER 0000-0200 C MEAN WIND SPEED G 4.7 2.4 4.5 4.6 5.1 7.8 18.5 5.6 C 3.8 7.3 18.2 1.3 ENE 2.4 4.8 1-00 15.1 6.3 3.0 5.3 ŧ 3.1 5.3 11.7 0 7.0 1.0 1.3 3.2 ESE SE • 9 •8 1.6 C .8 1.4 •2 • 3 4.0 SSW • 2 • 4 • 8 6.7 SW C •2 • 6 • 3 ė·5 • 9 • 4 • 2 2.8 • 6 WNW C .6 1.2 6.2 YARBL 100.0 TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) HACDILL AFS FL STATION MANE 67-70,73-78 0300-0500 ALL WEATHER MEAN WIND SPEED SPEED (KNTS) DIR. N 15.9 4.5 6.5 NNE 18.7 4.6 O ŇE 9.4 5.6 18.9 1.9 3.8 6.6 13.4 6.3 E 9.0 2.9 4.8 ESE • 2 2.2 • 2 6.9 1.0 SSE 2.2 7.3 0 5 . 6 1.1 4.0 SW WSW 14.7 w • 3 WNW 5 و NW • 4 • 5 4.0 NNW VARBL TOTAL NUMBER OF OBSERVATIONS USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLUBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBJERVATIONS) 12810 OCT 67-70,73-78 MACDILL AFB FL ALL WEATHER 0600-0800 C SPEED (KNTS) DIR. MEAN WIND SPEED 11 - 16 1 - 3 28 - 33 48 - 55 ≥56 2.3 5.4 13.3 6.3 9.4 21.4 5.2 NNE C 8.6 1.7 3.2 8.2 21.7 6.5 NE ENE 2.6 5.5 4.0 1.2 13.3 6.2 5 • U 3.5 3.4 •1 •1 1.6 8.8 E • 2 1.7 5.8 ESE • 5 • 5 • 4 SE •1 • 8 7.3 •6 •2 1.7 2.5 SSE • 8 7 . Z C 1.2 6.4 • 3 6 • Đ • 9 •6 SSW SW •2 •1 • 1 4.5 wsw • 3 -8 5.9 • 3 •1 • 1 • 5 4.8 WNW **(** • 4 • 9 3.3 2.0 4.7 NNW VARBL 100.0 TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) MACDILL AFE FL STATION MANE 67-70,73-78 17 - 21 ≥56 N 4.0 1.8 7.9 6.1 NE 11.7 6.0 ENE 3.5 8 .. 9 4.9 9.1 7.6 5.4 1.7 ESF SE 1.9 SSE \$\$W . 4 <u>. 2</u> SW <u>. 3</u> 3.8 W5W .4 WNW NW 2.0 6.0 NNW YARBL 100.8 TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0,8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC SURFACE WINDS AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 STATION HACDILL AFB FL 67-70,73-78 ALL WEATHER € SPEED (KNTS) DIR. MEAN WIND SPEED 1.7 1.6 3.5 4.1 6.4 2.5 1.0 7.5 7.6 NNE • 9 1.8 9.3 8.5 4.6 15.9 NE 3.7 9.0 1.5 7.5 4.9 18.2 2.5 5.4 10.5 • 5 1.9 8.8 E 1.0 •1 ESE 2.4 8.1 1.5 3.2 1.6 .4 6.4 £ s • 5 1.0 •1 1.7 4.4 1.5 2.0 • 8 5.2 • 5 SSW . 8 •2 2.0 • 4 6.3 •6 SW 6 1.8 - 4 2.0 5.5 WSW 2.0 3.7 1.0 6.7 4.6 w 5.7 5.9 WNW 1.0 1.1 2.9 4.7 7.9 7.6 •6 6.0 NNW 7.7 100.0 TOTAL NUMBER OF OBSERVATIONS 930

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810	MACDI	LL AFB	FL				67-	70,73-	78					CT
STATION			STATIO	N MARE						EARS				BOATH
	ı					ALL WE	ATHER						1500	-1700
		_				c	LA96						30V1	t\$ (LS.T.)
	•	_				CON	DITION							
	SPEED (KNTS)	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND
	DIR.			7-10		17-21	11.2	20.33	3.4	4,1-2	40.33	230	~	SPEED
	N	1.1	. 9	1.8	2.								4.0	6.1
	NNE	•6	2.4	4.0	1.2	•1							8.3	7.8
	NE	• 8	3.3	6.2	4.3	•3							15.0	9.0
	ENE	.8	3.3	7.5	5.5	•2	• 1						17.5	9.3
	E	• 5	2.4	5.2	1.6	•1							9.8	8.1
	ESE	.4	• 6	• 3	• 1								1.5	5.4
	SE	. 1	. 4	1	•1								-8	5.1
	SSE	-2	• 1	1			-1	• 2					-8	14.0
	5	•5	•2	•4	•3								1.5	5.9
	\$SW	.4	• 8	1.9	•3	•1			L				3.6	7.5
	sw	• 4	1.4	. 9	.1								2.3	5.8
	WSW	•5	1.2	• 3	•-1-	- 2							2.3	5.6
	w	2.5	2.5	.6	• 1.								5.8	4.1
	WNW	1.4	2.6	1.4	•1								5.5	5.2
	NW	1.1	4.8	6.5	• 5								12.9	5.8
	NHW	.5	1.9	4.1	•2								6.8	7.1
	VARSL													
	CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	1.3	

TOTAL NUMBER OF OBSERVATIONS 929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFE	. CLIMATOI TAC EATHER SEI			F	DII	AGE FRE RECTION HOURLY	ANL SI	PEED			SUR	RFACE	WI	ND:
12810	MACD	ILL AFB	FL				67-	70,73-	78				0	CT
STATIO			STATIO	N MAME				i		EARS				MONTE
		_				ALL WE	ATHER							-230
		-				COM	DITION				_			
		_												
												- H		1
	SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	ME
	DIR.			/		.,	11.2	25 - 33	34.40	4,	4.33	===	~	SPE
	N	3.6	5.4	1.3	•2							 	10.4	4,
	NNE	1.7	5.2	3.7	1.3								11.8	6
	NE	• 9	3.0	5.4	3.3	•1							12.7	8
	ENE	1.4	4.5	6.4	2.9	•2					<u> </u>	<u> </u>	15.4	8
	E	1.0	3.9	3.4	1.8	•1						<u> </u>	10.2	1 7
	ESE	•2	•1	•3	•1						 -		.8	5
	SSE	 	• 2		•1	ļ						├──- }	• 3	6
	\$	•2	•8	•6	•1				•2	 		 	1.9	10
	SSW	•2	•6	•2	•2								1.3	6
	sw	•1	1.3	•1	•1								1.6	5
	wsw	•1	• 3	• 3									. 8	6
	_ <u>w</u>	€نيــا	-8	•1									1.1	4
	WW.	3.1	2.6	•5		 						 	4.2 9.5	4.
	NW	3.1	6.2	2.8	-3						 -	 	12.2	4.
	VARBL		0.2	2.00	 	 				ļ		 	42.2	
	CALM	\sim	\sim	\sim	\sim	\sim	\sim	$\overline{}$	\sim	\sim			5.4	
		16.9	40.3	26.3	10.5	-4			.2				100.0	6
	\		\$/·			<u> </u>				1.,	<u> </u>		<u> </u>	
										TOTAL NU	ABER OF OR	SERVATIONS		9:

USAFETAC FORM AR 64-0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OR SILETE

C.

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 MACDILL AFB FL 67-70,73-78 OCT

STATION STATION HARE STATION HARE

ALL WEATHER 2100-2300

CANDITION

CONDITION

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥55	*	MEAN WIND SPEED
N	6.6	4.2	1.4									12.2	5.9
NNE	3.9	4.4	4.9	1.3								14.5	5.9
NE	• 9	3.8	8.7	1.7	•2							15.3	7.9
ENE	1.6	5.2	8.9	1.7								18.5	7.0
ε	1.2	5.3	6.1	1.3								13.9	6.9
ESE		• 5	• 1	• 1								.8	6.3
ŞĒ	.2	.4	. 1									•8	4.7
SSE	.2	• 5	•5	.1								1.4	5.7
5		• 9	•6	•1								1.6	6.9
ssw	•2	• 3		L		.2		• 1				• 9	13.4
SW	.4	.4	• Z									1.1	4.6
WSW'	.4											- 4	2.3
W	.4	. 4	. 4									1.3	5.2
WNW	.5	. 4		.1					L			1.1	4.4
NW	1.3	1.1	•2									2.6	3.5
NNW	2.3	2.6	• 3	.1								5.3	4.0
VARSL				!									
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	\geq	\times	$\geq \leq$	\boxtimes	$\geq \leq$	$\geq \leq$	$> \leq$	8.6	
	20.1	31.5	32.7	6.6	•2	•2		•1				100.0	5.7

TOTAL NUMBER OF CREENVATIONS 930

USAFETAC FORM -0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

32810 MACDILL AFB FL 67-70,73-78 OCT

STATION NAME FALL WEATHER ALL

CLASS MCCURS (L.R.T.)

SPEED (KNTS) DIR.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 • 33	34 - 40	41 - 47	48 - 55	≥56	***	MEAN WIND SPEED
N	3.5	4.1	2.2	.1								9.9	4.8
NNE	3.4	5.1	4.5	1.0	•0							14.0	5.9
NE	1.7	5.0	7.7	3.0	•1							17.5	7.8
ENE	1.7	5.0	6.5	2.9	•3	•0						16.3	7.8
E	1.6	3.6	4.2	1.2	•1			i				10.6	6.9
ESE	• 3	•6	•7	•2	•9							1.8	7.0
SE	•2	•8	•5	•1	•9							1.8	5.6
SSE	• 3	• 8	•5	•3	•0	•0	•0					2.0	7.3
s	• 3	• 8	• 4	•1				•0				1.7	6.3
SSW	٠3	•6	• 6	•2	• 1	•0		•0				1.8	7.7
SW	• 3	•6	•3	.1		•0						1.2	5.6
wsw	• 3	• 4	•1	•0	•1	•0						1.0	5.9
w	8.	1.1	• 4	•0								2.4	4.6
WNW	.7	1.1	•6	•0								2.5	5.0
NW	• 9	1.8	1.5	•2								4.3	5.8
NNW	1.1	2.1	1.5	•2								4.9	5.6
VARBL		· ·	٠.			T				 			
CALM		\boxtimes	\supset	> <	>		$\supset \subset$	>	\sim	\supset	\mathbb{X}	6.1	
	17.3	33.6	32.5	9.6	•7	.1	.0	•0				100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7438

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

2300-0200 ALL WEATHER SPEED (KNTS) DIR MEAN WIND SPEED 7 - 10 41 - 47 ≥56 1.3 11 - 16 17 - 21 % 22 - 27 28 - 33 34 - 40 48 - 55 N 5.6 4.9 14.6 5.1 3.6 . 4 5.9 5.D 4.8 14.D •6 NE 2.8 5.5 •7 10.5 ENE 3.2 10.2 5.5 2.1 4.7 •2 E 4.4 3.2 4.8 1.4 9.4 ESE 1.9 1.4 5.6 1.0 1.7 3.0 •9 •1 5.4 SSE .8 • 7 •2 1.9 5.1 •7 \$ 5.5 . 4 1.9 3.D SSW -1 . 8 •1 1.1 5.8 1.2 6.4 SW .4 9.5 WSW . 4 • 3 • 3 WNW .7 1.7 5.8 - 4 . 4 NW -8 •2 . 4 2.3 6 • B MM 6.4 . 4 •6 VARM 18.7 100.0 TOTAL NUMBER OF OBSERVATIONS

67-70,73-78

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND OBSOLETE

GLOBAL CLIMATOLOGY SRANCH 2 SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 67-78,73-78 NOV ALL WEATHER 0300-0500 SPEED (KNTS) DIR. MEAN 11 - 16 C 16.2 5.8 7.1 3.1 1.0 NNE 5.6 6.4 3.C 15.2 4.6 3.8 5.7 NE 2.0 6.4 . 4 2.4 4.7 ENE 1.9 •1 1.1 4.9 3.9 5.1 •7 8.8 4.1 ESE 1.8 •2 2.7 • 7 3.9 •9 1.8 SE SSE 1+9 3.3 0 1.3 5 3.1 4.8 1.1 3.5 • 3 SSW •2 4 . D •1 SW 0 <u>•2</u> • 3 • 7 wsw • 3 5.3 •1 •2 •2 5.8 WNW • 6 1.7 6.9 NW .4 •4 . 4 VARM 18.0 CALM TOTAL NUMBER OF OBSERVATIONS

C

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDILL AFB FL 67-70,73-78 VOV 0680-0800 MEAN WIND SPEED SPEED (KMTS) NNE 1.9 4.7 •5 13.7 6.9 5.6 ENE 3.7 2.4 4.1 . 4 15.7 5.8 3.0 3.2 1.4 •1 7.8 4.6 ESE 4.9 SE 4.2 5.6 1.4 SSE 3.0 6.1 3 5.6 SSW • 3 SW 5.0 WSW WNW •6 2.1 NWW VARRE

TOTAL HUMBER OF OBSERVATIONS 980

ISAFETAC FORM (-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM AND DISCUST

SURFACE WINDS

3900-1100

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	_	<u></u>			ALL VE	ATHER		-			3900-1 HOUPS (1				
	_				COM	DITION									
SPEED (KNTS) DIR.	1 - 3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	1 %	MC WII SPE		
N	.8	4.8	6.6	•6								12.7	7		
NNE	• 5	3.3	6.0	.9			 			 -		10.8	7		
NE	1.1	4.9	6.9	2.7			 			 		15.6	7		
ENE	• 9	3.6	7.8	2.3								14.6	8		
.E	1.3	2.7	2.9	1.0								7.9	6		
ESE	•4	1.4	2.2	• 3					l		!	4.4	7		
SE	1.7	2.4	3.0	• 3			<u> </u>					7.5	6		
SSE	1.5	2.0	1.3	• 4	.2							5.6	6		
5	. 9	2.2	• 9	•6								4.5	6		
\$5W	•2	•'8	. 4	_ • 1								1.6	6		
sw	-1	• 2	•3									•7	5		
wsw	•7	• 3										1.0	2		
*	1.0	• 4	.1									1.6	3		
WNW	• 3	• 3	• 2									• 9	4		
NW	.7	. 4	.4	•7								2.2	7		
NNW	1.2	1.5	1.2	1.0								5.0	6		
VARBL									L						
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	3.6			
	13.5	31.5	40.4	10.9	•2	T						100.C	6		

67-70,73-78

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDI	LL AFB	FL				67-	70,73-	78	TEARS				V
		\$14710	I MARX					,	TARS				
	_			<u> </u>	ALL WE	ATHER						1200	-14U(
					C	ASS						NO SE	(L.S.T.)
	_												
					COM	MOITIG							
	-												
	u							ι					
SPEED (KNTS)	1.3	4.6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEA. WIN
DIR.				., ,,									SPEE
N	•6	2.2	3.8	. 4								7.0	7.
NNE	• 6	2.8	2.4	1								5.9	5.
NE	• 4	1.8	4.3	1.1								7.7	8.
ENE	•6	2.9	4.9	1.6	•1							10.0	8.
E	• 3	1.7	3.3	1.4								6.8	8.
ESE	• 2	.6	1.6	.9								3.2	8.
SE	.6	1.6	1.9	•2								4.2	6.
SSE	1.6	1.7	1.4	. 1								4.8	5.
S	1.9	2.3	1.1	8	•1					Ī		6.2	Ó.
SSW	• 4	2.1	1.4	1.8								5.8	8.
sw	. 7	8	1.8	• 4								3.7	7.
WSW	1.4	2.3	.6									4.3	4.
w	2.2	4.7	• 6	•2		•2						7.9	5.
WNC	.8	1,9	1.8	• 1								4.6	5.
NW	.4	2.3	2.9	1.2	• 1							7.0	8.
WWW	.7	2.3	4.8	1.4	•1							9.3	8.
VARBL			- 1							i			
CALM				$\supset \subset$	> <		$\supset \subset$	$\supset \subset$	$\supset <$	$\supset \subset$	$\supset <$	1.7	
L	13.3	33.9	38.6	11.9	. 4	-2	<u> </u>	<u></u>		1		100.0	ـ تـ

USAFETAC 18 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRETE

GLOBAL CLIMATOLOGY BRANCH USAFETAC Alr Weather Service/MAC

MACDILL AFB FL

12819

€

SURFACE WINDS

NOV ***** 1500-1700

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

(KNTS) 7 - 10 11 - 16 ≥56 2.3 6.2 2.3 2.0 5.6 6.8 • 6 1.9 7.6 NE 2.9 1.1 6.6 7.8 ENE •2 1.7 3.6 2.3 9.0 ESE • 8 1.7 SE SSE • 3 1.1 4 . 8 5 2.9 6.9 1.1 1.0 • 3 7.2 SSW •7 2.8 2.2 6.2 5.6 SW .6 .9 1.2 1.0 3.3 5.7 WSW 3.3 1.8 6.3 4.6 W • 9 • 1 1.7 2.9 3.0 2.3 5.5 WNW 5.6 15.4 163 NW 6.4 WNM 9.6 7.3 .8 VARSL 3.2 100.0

67-70,73-78

TOTAL NUMBER OF OBSERVATIONS

900

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

1800-2000 HOURS (LE.T.)

900

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

	_				con	DITION							
	_					·							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 · 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	5
N	6.9	5.9	1.7	.1	•1							14.7	1
NNE	2.4	2.3	1.8	.7								7.2	1
NE	1.0	2.1	2.0	•7								5.8	
ENE	•8	3.1	3.2	•6								7.7	1
E	1.6	4.1	2.2	•2								3.1	
ESE	• 3	• 4	• 1									.9	
SE	·	• 1	• 1									•2	
SSE		•]										• 1	
5	1.1	1.1	1.3	• 4								4.0	
SSW	1.2	1.7	•6									3.4	
sw	1.3	2.2	• 1									3.7	
WSW	•7	• 3	• 3									1.3	
w	,3	1.1	• 6	• 3								2.8	
WHW	2.0	1.2	• B		•1							4.1	
NW	2.8	5.0	1.9	. 4						Ĺ		10.1	
WMM	4.3	6.0	2 • 1	• 9								13.3	
VARBL												******	
CALM	$\geq <$	><	><	><	><	><	><	><	><	><	><	12.5	
		36.9	18.8	4.3	•2							100.0	

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

1

8

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

) IOM	MACDI	LL AFB					67-	70,73-						O V
			STATIO	I WYRE					,	EARS				
						ALL WE	ATHER							-2300
						CI	LASS						804.5	(L-8.1.,
		-				CON	DITION							
		_												
	SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	29 - 33	34 - 40	41 - 47	48 - 55	≥56	%	MEAN WIND SPEED
	N	7.2	5.7	2.3	•1								15.3	4.3
	NNE	3.3	2.4	2.9	• 3								9.0	5.2
	NE	1.7	3.7	3.1	.7								9.1	5.9
	ENE	1.0	4.3	4.3	• 3								9.5	6-2
	E	2.1	5.9	3.7	i								11.7	5.5
	ESE	.7	•9	•6									2.1	4.7
	SE	•2	• 7	•3									1.2	4.9
	SSE	•6	•6	•1									1.2	3.3
	\$	1.3	1.6	•8	•2								4 • 3	4.9
	SSW	• 3	1.0	•2									1.6	4.8
	SW	.7	61	•5									1.0	3.3
	WSW	• 3	•·3	•1					i				. 8	4.0
	w	1.0	•2										1.2	2.4
	WNW	1,1	•.7	.4	•1		•1					1	2.4	5.4
	NW	1.3	1.2	.9	.9	•1			l				4.4	6.7
	NNW	1.8	1.8	1.4	1.3	,			1				6.3	6.5
	VARSL								 		1			
	CALM	\times	\sim	\geq	\geq	\times	\geq	>	\boxtimes	\boxtimes	\boxtimes	\geq	18.4	
		25.1	31.0	21.9	3.8	•1	.1						190.0	4.3

TOTAL NUMBER OF OBSERVATIONS

908

JSAFETAC 1-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

	-				ALL HE	ATHER							LL Es (LS
	-				CON	DITION							
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 • 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	A V
N	3.9	4.9	3.6	.5	.13			i				12.9	
NNE	_2.9	4.3	3.6	.4								10.7	1
NE	1.4	4.0	3.8	1.0								10.2	Τ
ENE	1.3	3.6	4.1	1.0	•0							10.0	
E	1.9	3.8	2.4	•5					i			8.5	Τ
ESE	•6	1.3	1.0	•2								3.2	Т
\$E	7	1.0	1.3	•1								3.1	Τ
SSE	8	1.1	.7	.1	υ				T			2.5	Т
5	1.1	1.7	• 9	•3	•9							4.0	П
SSW	. 4	1.2	.7	• 5								2.8	Γ
sw	• 5	. 8	.6	Z								2.1	П
WSW	•5	• 6	- 3	• 8								1.5	\Box
w	1.1	1.1	•3	.1	.0	• 0						2.6	\Box
WNW	.8	1.0	. 8	.1	•8	•8						2.7	\perp
NW	1.2	2.0	1.6	.7	.0							5.5	\perp
WMM	1.3	2.1	2.1	.9	.0							6.4	
VARBL			-									1	L
CALM	i	トヘ				\sim		\sim			$\overline{}$	11.3	1

TOTAL NUMBER OF OBSERVATIONS

7199

100.0

USAFETAC RR 44 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLET

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	1281U	MACUI	LL AFB	FL	I RARE			67-	70,73-		EAM			0	C
C			_				ALL REA	THER							-0200 (L&T.)
<u>-</u>			-				con	PITION							
~		· · · · · · · · · · · · · · · · · · ·											~		
·		SPEED (KNTS) DIR,	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
		N	5.7	5.7	2.3	• 6								14.3	4.7
		NNE	3.4	4.3	1.7									9.5	4.4
`,		NE	2.3	3.0	1.9	1.0								8.2	5.6
		ENE	2.6	4.5	2.0	•9								10.0	5.5
		E	1.7	5.2	2.5	•1								9.5	5.3
3		ESE	1.2	1.9	1.5	• 3								4.9	5.8
		SE	1.1	1.7	1.5	•2								4.5	5.8
•		SSE	• 3	1.5	1.5	• 9								4.3	7.1
-		5	1.1	1.8	1.6	•2								4.7	5.9
		SSW	.9	8	•6	•2								2.5	5.3
)		sw	•8	.9	•2	•2								2.0	4.5
j .		wsw	•4	•4	• 3		<u></u>				<u> </u>			1.2	4.9
		W	•6	•4	•1	•2	• 1							1.5	5.1
ô		WWW	•2	•2	•5	•1	L				ļ	ļ		1.1	6.5
		NW	.8	1.0	• 6	•6	•1				<u> </u>	 		3.1	7.2
		NNW	1.3	1.0	1.4	1.3	•3							5.3	7.9
<u>-</u>		CALM							$\overline{}$					13.4	
n.			24.3	34.3	20.5	6.9	.5							100.0	4.8

USAFETAC FORM (0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

67-70,73-78

CAIM	$\supset \subset$	> <		> <	> <	> <	> <	><	>>	> <	> <	14.1	Г
VARBL	1	1						 		 		1	
NNW	• 3	-4	1.0	1.1	•1	•1						3.0	9
NW	.6	1.2	•4	•5	•1			 		1		2.9	7
WNW	• 3	•5	•1	.4				i				1.4	7
w	.8	•2	•1	•1					T	<u> </u>		1.2	4
WSW	.4	.4	•2			 		 	<u> </u>			1.1	4
sw	-4	•1	•1						 	1		•6	4
ssw	. 4	•6	•2	• 3						1		1.6	5
5	1.1	1.4	1.6	.8								4.8	ó
SSE	.8	2.3	1.7	1.0		!		· · · · · ·		 		5.7	7
SE	1.2	1.3	.8	• 3	• 3					<u> </u>		3.9	6
ESE	1.2	3.3	.9	•2								5.6	5
E	1.6	4.4	1.1			i						7.1	4
ENE	3.3	3.9	2.5	•5					 			10.2	5
NE	2.3	5.8	2.0									10.1	5
NNE	3.2	6.8	2.0									12.0	4
N	8.4	5.6	3.7	• 3		•2			 	 		14.5	5
SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	4% · 55	≥56	*	W SI

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

VARBL

MACDILL AFB FL

12810

C

SURFACE WINDS

DEC

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

ALL WEATHER

67-70,73-78

	_				coı	DITION							
	-												
SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	ME. WII SPE
N	3.9	7.2	2.5	•6		•1						14.5	5.
NNE	4.3	6.6	2.4	•5		I						4 13.8	4.
NE	1.3	7.1	2.7	•2								11.3	5.
ENE	2.7	4.7	2.3	• 4								10.1	5.
E	2.9	4.8	1.3	•1	T			1				9.1	4.
ESE	•8	2.4	1.0									4.1	5.
SE	• 9	1.5	1.9	•2	•1							4.5	6.
SSE	.4	1.5	1.3	•6				i			l	3.9	7.
5	-8	1.5	2.0	• 9							<u> </u>	5.2	7.
ssw	•1		•3	•1								•5	7.
sw	•5			.1				1				.6	4.
wsw	• 3	i		•1					T -			• 4	4.
w	• 4	•6	•1	• 3	•1			T	i T		i ———	1.5	6.
WNW	•1	•1	•1	•3	•1	•1						.9	12.
NW	•2	•9	•5	• 5	•3	•1						2.7	9.
NAW	- 3	- 6	1.6	. 0	.2		1					3.7	R.

TOTAL NUMBER OF OBSERVATIONS

929

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

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SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12810 STATION	MACDIL	L AFB	FL				67-	70,73-	78			D	EC
STATION			STATE	M MARK					,	EASS.			MORTH
						ALL HE	ATHER					0930	-1100
		_					UMS.					1004	85 (L.E.T.)
		_											
		_				COI	PITION						
•		_											
				,	,						 		
	SPEED		1	7							 	1 _	MEAN

SPEED (KNTS) DIR.	1 - 3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	1.8	4.3	4.8	.9								11.8	6.5
NNE	1.3	3.9	5.1	. 9								11.1	6.7
NE	.6	2.3	5.3	1.8								10.0	5.3
ENE	1.2	3.7	6.0	2.0	•1							13.0	7.5
E	1.3	2.8	3.2	1.1								8.4	7.0
ESE	.6	1.9	1.9	.4								4.9	6.6
SE	1.3	2.7	3.4	• 3								7.7	5.3
SSE	1.5	2.8	2.7	. 9						_		7.8	6.4
S	1.1	1.5	1.4	1.6								5.6	7.6
ssw	•5	1.5	- 4	4.3		• 1						2.0	6.6
sw	• 2	.6	3									1.2	5.0
WSW	-3	• 3	-3				. 1					9	7.1
w	• 3	.9	.1	• 1								1.4	5.3
WNW	• 4		.3	•3								1.1	7.8
NW	•2	• 3	1.1	1.4	• 1							3.1	10.2
NNW	• 4	1.7	2.2	1.7	÷3							6.3	8.8
VARSL													
CALM		\boxtimes	$\geq \leq$	$\geq \leq$	\geq	\geq	$\geq \leq$	$\geq \leq$	\geq	\geq		2.7	
	13.2	31.2	38.4	13.8	.5	•1	•1					100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 938

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 MACDILL AFB FL 67-70,73-76 FLL WEATHER 1200-1400 HOURS (L.S.T.) 7 - 10 (KNTS) DIR. 2.2 7.1 1.3 4.5 1.0 1.9 1.9 7.0 1.8 3.1 1.5 8.9 ENE ε 1.9 2.4 1.6 6.8 ε.5 ESE 8.2 2.0 2.2 5.3 SE SSE 2.3 1.3 3.0 1.6 S • B 2.0 3.2 2.0 8.3 8.6 SSW 2.6 1.5 SW 1.2 1.7 WSW 2.6 2.5 4.0 . 8 • 9 •2 WNW • 8 2.6 6.1 1.4 4.6 8.9 9.3 NW 1.0

100.0

930

TOTAL NUMBER OF OBSERVATIONS

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFE TAC' AIR WEATHER SERVICE/MAD PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 67-70,73-78 1500-1700 ALL MEATHER SPEED (KNTS) DIR. 1.5 ENE 1.7 1.3 2.6 ESE SSE . 8 5 SSW • 6 SW • 8 wsw 1.1 2.7 1.7 6.0 WNW NW 1.3 5.9 2.3 13.9 NNW 12.0 VAREL TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

12910 MACDILL AF8 FL 67-70, 73-73 DEC

STATION STATION RADE TEAMS

ALL WEATHER 1800-2000

CLASS MOVES (L.R.Y.)

SPEED (KNTS) DIR.	1-3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 43	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	5.8	4.7	1.8	•1								12.5	4.1
NNE	2.2	1.8	1.2	• 3								5.5	5.1
NE	1.2	• 5	• 9	•8	• 1							3.6	5.9
ENE	• 9	2.3	1.5	•5								5.2	6.3
£	2.3	3.6	1.2	• 1								7.1	4.7
ESE	. 9	• 4	•2						1		i .	1.5	4.1
SE	• 6	• 2										. 4	3.6
SSE	•6	• 3	8.	• 1								1.8	6.4
S	1.0	1.3	2.0	•4		Ī — —				1		4.7	6.7
SSW	1.4	2.7	2.2	•5								6.8	5.9
SW	1.9	3.2	• 9	.3								6.4	4.7
wsw	•6	• 5										1.3	3.4
w	1.0	1.1	•2					<u> </u>				2.3	3.7
WNW	1.8	•6	1.1						i		i —	3.6	4.4
NW	3.7	5.1	2.5	3.0	•1							12.3	5.5
NNW	4.3	5.3	2.9	1.4	•1							13.7	5.5
VARM													
CALM		\geq	$\geq <$	$\geq <$	$\geq <$	$\geq <$	\geq	$\geq \leq$	$\geq \leq$	\geq		13.3	
	30.2	34.2	19.3	5.3	•3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

928

USAFETAC REAL D-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLES

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

927

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

	MACDI	LL AFB					67-	70.73-	78				<u> </u>	E C
4			\$71700	N MARK						TEARS.				HONTH
						ALL HE	ATHER						<u> 2100-</u>	-230C
							1A86		-				2000	8 (LS.T.)
						CON	IOITION							
		_												
	SPEED (KNTS) DIZ.	1.3	4-6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	44 - 55	≥\$6	*	MEAN WIND SPEED
ŀ	N	7.0	5.6	2.3	•5				 		 		15.4	4.3
ı	NNE	5.1	3.9	1.5				i					10.5	4.0
ı	NE	2.2	2.5	1.4	1.6	•1					 -		7.8	6.5
ı	ENE	1.9	2.0	2.3	•6	•1			i	i			7.0	6.1
ı	E	1.6	9.1	3.6	•2			i		 	i		9.5	5.9
T	ESE	•6	1.1	•5	•3							i	2.8	5.2
ľ	SE	1.0	1.0	•8	•1				·				2.8	4.9
ľ	322	, 5,	1.0	1.0	.2								2.7	6.0
Γ	\$	1.3	1.8	1.5	•6								8.2	5.7
Γ	SSW	• 3	1.3	3_	.1			\Box					2.8	5.7
	sw	1.1	•3	•6							i		2.0	4.5
ľ	WSW	. 9	•5	•2									1.6	4.1
Ι	w	• 6	.8	•2	•1		T						1.7	5.1
Ī	WWW	. 8	. 5	•5	•2				1				2.0	5.4
Ĺ	NW	3_	1.2	1.1	1.0	•1							4.1	7.7
Γ	HOW	1.2	2.2	2.6	.3	•1							5.4	6.6
I	VATBL													
Ī	CYIM	> <	$\supset <$	$\supset \subset$	$\supset \subset$		$\supset \subset$	$\supset <$	$\supset \subset$	$\supset \subset$	$\supset <$		15.7	
ŧ											 			

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EPITIONS OF THIS FORM AND ORIGINAL

GLOBAL CLIMATOLOGY BRANCH SURFACE WINDS USAFETAC AIR WEATHER SERVICE/MAC PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS) 12810 MACDILL AFB FL 67-70,73-78 ALL WEATHER ALL HONES (L.S.T.) C MEAN WIND SPEED SPEED (KNTS) 22 - 27 DIR. 3.9 4.9 2.7 •0 12.0 3.8 2.2 5.1 : (1.4 2.2 •8 7.5 ,1E 3.1 • 1 6.4 1,9 2.7 .0 8.3 6.4 1.6 8.1 .0 6.0 1.3 4.0 1.4 1.4 1.5 1.3 6.6 SSE 4.2 •8 •6 1.0 1.7 • 1 1.6 . 9 SSW 1 • 3 • 8 • 7 1.2 1.2 3.5 6.3 SW W\$W • 7 •0 1.5 4.4 •0 1.1 •2 • 1 2.6 4.4 •2 1•2 • 0 WNW • C 6.1 7.6 1.0 1.9 2.1 6.4 • 1 . 0 7.5 HNW VARBL 9.5 100.0

USAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL NUMBER OF OBSERVATIONS

7434

SURFACE WINDS

TOTAL NUMBER OF OBSERVATIONS

87624

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

MACDI	LLL AFB	FL	* NAME			67~	70,73-	79	EARS				LL BONTH
		2121,0			ALL WE	ATHED		,					LL
	_			 		ASS							S (LS.T
	_				COM	DITION							
						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,							
	_		· · · · · · · · · · · · · · · · · · ·										
SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	×	ME WI SPE
N	2.5	2.8	1.6	• 2	• 3	• 0				 		7.2	4
NNE	2.1	2.5	1.7	• 3	0.0	***						5.5	5
NE	1.2	2.3	2.6	• 9	.0	•0	•0					7.2	6
ENE	1.5	3.2	3.3	1.1	•1	• 0						9.2	6
E	2.5	4.5	3.6	1.1	•1	• 0						11.8	5
ESE	. 9_	1.8	1.4	.4	.0	,0						4.6	6
SE	. 8	1.9	1.5	• 3	•0	• 0						4.6	6
SSE	. 9	1.8	1.2	.4	.0	• D	•0					4.3	6
\$	1.0	1.9	1.3	.5	• 1	• 0	• 0	.0				4.7	_ 6
SSW	•6	1.4	1.4	.7	• 1	8.		.0		i	L	4.2	7
SW	.5	1.3	1.5	•6	•0	• 8						4.0	7
WSW	• 9	1.4	•8	.2	•0	.0	• C			<u> </u>	L	3.3	5
W	1.5	2 • 4	1.0	.2	.0	. 3				<u> </u>		5.2	5
WNW	.9	1.6	1.1.	.4	0.	•8			<u> </u>	ļ	<u> </u>	4.0	. 6
NW	. 9	1.9	2.0	.7	• 1	•0			<u> </u>	L		5.6	6
NNW	1.0	1.9	1.8	•5	•0	•0						5.2	6
VARBL	<u> </u>		ļ,	L	<u></u>	Ĺ,		L		L	L	!	<u> </u>
CALM	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	$\geq \leq$	8.4	
	19.8	34.8	27.8	8.6	6	.1	.0.	• 0				100.0	5

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

COND.TION

AND/OR VSBY 1/2 TO 2-1/2 MI U/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥56	*	MEAN WIND SPEED
N	2.3	3.6	2.5	.7						1		9.2	5.8
NNE	2.3	4.0	3.1	• 7	.0							10.1	6.0
NE	1.6	2.8	3.1	•6	• 3					[8.3	6.7
ENE	1.9	3.1	2.9	•9	•1					Ţ		8.9	ა - 5
E	2.0	3.4	1.9	1.2	•2	9.0						8.6	6.4
ESE	• 9	1.9	1.1	• 3	•0	•8						4.3	5.1
SE	•6	1.3	• 8	•5	•0							3.3	6.7
SSE	1.0	1.6	1.3	• 3	•0	• 1	• 1					4.3	6.7
s	•8	1.5	1.7	. 9	•2	• 1	•0	• 1				5.2	8.4
ssw	• 6	.8	1.1	•7	•2		Ĭ	•0				3.4	8.2
5W	•5	1.1	1.9	• 5	•1							3.3	7.6
WSW	•6	• 6	7	•2	•0	•0	•0					2.2	7.1
w	•7	•7	• 5	. 4	• 1	•1						2.5	7.5
WNW.	• 9	• 9	•6	•5	•1	•0						3.0	7.0
NW	• 7	1.7	1.7	1.5	•3	•1						5.9	8.6
MNW	1.0	1.8	1.8	1.0	•2	•0						5.8	7.6
VARBL		l											
CALM		$\supset \subset$	> <			\boxtimes		\boxtimes	\geq			11.6	
	18.4	30.7	25.8	10.9	2.0	. 4	• 1	•1				120.0	6.1

TOTAL NUMBER OF OBSERVATIONS

3537

JSAFETAC FORM 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE BIVINOIMENTAL TECHNICAL APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no welling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

- 1. Annual all years and all hours combined
- 2. By month all years and all hours combined
- 5. By month by standard 5-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Mavy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Mavy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then great. than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIDILITY TABLES IN THIS TABULATION

CEILING			•				VIS	imilia iz	ATUTE MI	LESY						
(PEET)	≥ 10	2.	≥ 5	≥4	≥ 3	≥ 2 %	≥ 2	≥ 1%	≥1%	≥ 1	≥ %,	≥ %	≥ %	≥ 5/16	≥ ¼	≥ 0
O CEILING																ننح
1												\leq	\geq			\leq
≥ 1800 ≥ 1590					91.0		•	,.				•				92,6
≥ 1200 ≥ 1000																72.0
≥ 900 . ≥ 900 .	ŕ						,	,								
≥ 700 ≥ 600							,									·
≥ 500 ≥ 400				·				,		97.4			<u> </u>			98,1
≥ 300 ≥ 300					.u.;	1017		-		1 14	ji.,,					
≥ 100 ≥ 0	٠.	-		1		1.44	96.9	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		-	1.0	·			• ,	100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed > 0.

For instance, from the table: Ceiling > 1500 feet = 92.64.

Odding > 500 feet = 96.15.

EXAMPLE # 2 Read visibilities independently of estlings on bottom line opposite > 0. From the table:

Visibility > 3 miles = 95.96.

Visibility > 1 mile = 96.36.

Visibility > 1 mile = 90.36.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling > 1500 feet with visibility > 3 miles = 91.0%.

ADDITIONAL EXAMPLES

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE #5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of \geq 1500 feet with \geq 3 miles, subtracted from 97.4 read from the table at the intersection of \geq 500 feet with \geq 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling \geq 500 feet with visibility \geq 1 mile, but < 3 miles; or ceiling \geq 500 feet, but < 1500 feet with visibility \geq 1 mile."

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Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

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£

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MACDILL AFB FL

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)	-					
4FEET:	≥10	≥6	≥5	≥4	≥3	≥272	≥2	≥1%	≥1%	≥1	≥ 1,	≥ >a	≥ ⅓	≥5 16	≥ •	≥0
NO CEILING ≥ 26000	39.9 41.0	60.0 62.4	,	62.2 64.5	62.7		63.4		63.9			64.4	64.7 67.1	65.1 67.4	65.3	65.6 68.0
≥ 18000	41.0	62.5		54.6	65.2	65.5	65.8	65.9 66.0	66.2 66.3	66.3		66.8	67.2		67.7	
≥ 16000	41.0	62.5	63.5	64.6	65.2	65.5	65.9	66.0	66.3	66.5	66.9	66.9	67.2	67.5	67.7	58.1
≥ 14000 ≥ 12000	41.5	63.0		65.2	65.7	66.0	66.5	66.6	66.9	67.0		67.4	67.7	68.1	68.3	68.6
> 10000	42.2	67.1	65.3	66.3	66.9	67.2 70.1	67.6 70.5		68.1 71.6	68.2 71.1	68.6 71.5	68.6 71.5	68.9 71.8	69.2 72.2	69.5 72.4	69.8 72.7
≥ 9000	44.2	67.8			70.5											73.4
≥ 8000	44.7	58.8		71.0	71.5	71.8	72.3		72.7	72.8		73.2	73.5	73.9	74.1	
≥ 7000	45.3	70.2		72.4	72.9	73.2	73.7	73.8	74.1	74.2	74.6	74.6	74.9	75.3	75.5	75.8
≥ 6000 ≥ 5000	45.7	71.9		73.1	73.7	1						75.4		76.0		
	46.5	73.0		75.3				76.7					77.8		78.4	
≥ 4500 ≥ 4000	48.7	74.5		76 • 8 79 • 4	77•3 79•9		78 • 1 80 • 6						79.4 81.9		.79.9 82.5	80.2
≥ 3500	49.0	77.6		80.1	80.6		81.4			81.9						
≥ 3000	49.2	78.5	79.9	81.1	81.6	81.9	82.4	82.5	82.8	82.9	93.3	83.3	83.7	84.0	84.2	84.5
≥ 2500 ≥ 2000	50.1		(82.7	83.3		84.3					85.3				86.5
	50.6	80.6			84.1							_	86.3			87.2
≥ 1800 ≥ 1500	50.6 51.0	80.8		83.4 84.0	84.2 84.8							86-1	86.5 87.2			87.3
≥ 200	51.7	82.6			86.5											
≥ 1000	52.3	83.3	84.9	86.3	87.2	87.5	88.2			88.8			1		90.3	90.6
≥ 900	52.4	83.7		86.7	87.5										:	91.0
≥ 800	52.5				88.2		89.1			89.9			90.8			
≥ 700	52.8 52.9	84.9 85.3		88.1	89.2	89•6 90•3	90.2			91.0		91.4			92.5 93.2	92.8
≥ 500	53.2	85.8		89.5						_		93.2		94.0		94.6
≥ 400	5-3 - 3	86.0				92.4		93.2								95.7
≥ 300	53.3	86.0			-	_	94.0	_	94.4							
≥ 200	53.4	86.2				93.2		94.4							97.2	
≥ 100 ≥ 0	53.4	86.2					94 • 3							i	97.6	
ا ا	53.4	55.4	88.3	70.8	92.5	75.2	94.5	94.4	94 • 8	95.5	95.7	75.7	95.2	40.9	71.7	run. D

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC RIGH 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE OBSOLET

--BA-FA-PROCESSING-BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACUILL AFB FL

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VISI	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	214	≥1%	≥1	ک ځ	≥ >₁	≥ 15	≥5-16	≥	≥0
NO CEILING ≥ 20000	32.9 33.4	52.4 55.2				56.1 59.1	57.G 60.2		57.7 61.0	57.8 61.1		58.5 61.7		58.6 61.8	58.9 62.2	59.8 63.0
≥ 18000 ≥ 16000	33.5 33.5	1	56.5 56.5	57.7 57.7		59.5 59.5	60.5 60.5	61.2 61.2	61.3	61.4			52.2 62.2			
≥ 14000 ≥ 12000	33.7 34.3	55.6 56.5	56.6 57.4			59.6 60.4	60.6 61.5	61.3	62.3	61.5 62.4			62.3 63.1			
≥ 10000 ≥ 9000	35 • 2 35 • 2	17	59.5 60.3			62.5 63.3	63.5 64.4	64.2 65.1	64.3 65.2	64.4 65.3		65.1 65.9	65.2 66.8	65•2 66•3		
≥ 8000 ≥ 7000	35.6 36.1	1 7 7 7	61.6		64.4 65.5	64.6 65.7	65.7 66.8	66.3 67.4	66.5 67.5			67.2 68.3	67.3 68.4			68.5 69.6
≥ 6000 ≥ 5000	36.5 37.3	64.4	63.3 65.7		68.6	66.5 68.8	69.9		70.6	70.9	71.5	71.5	71.6	71.6	71.9	70.4 72.8
≥ 4500 ≥ 4000	38.4 39.6	68.9	70.3		73.3	70.2 73.5	74.6	75.4			76.5	76.5	76.7	76.7	77.0	77.6
≥ 3500 ≥ 3000	40.3	71.7	73.1	74.4	76.2		77.5	78.4	77.1 78.5		79.5	79.5	79.7	79.7	80.0	
≥ 2500 ≥ 2000	42.3	74.9	76.6	78.0	79.8	78.4 80.2	81.5	80.6 82.5	80.8 82.6	82.8	83.5		83.8	83.8	84.1	84.9
≥ 1800 ≥ 1500	42.3	76.3	78.1	78.1 79.6	81.4	80.3 81.8	83.3	84.3	32.7 64.4	82.9 84.6	85.4	85.4	35.6	85.6	85.9	86.8
≥ 1200 ≥ 1000	44.0	78.5	79.7 80.3		84 • D					86.6 87.3	68.1	88.1	88.3	88.3	88.6	89.5
≥ 900 ≥ 860	44.5	79.8	8146		85.6	85.3 86.0				88.9	89.7	89.7	89.9		90.3	90.4
≥ 700 ≥ 600	44.7	80.3	82.2	84.0	86.3	86 • 1 86 • 8					90.6	90.6	90.9	91.0	91.3	
≥ 500 ≥ 400	45.6	81.0	83.3	85.3		87.5 88.8	90.3				93.2	93.3	93.7	93.8	94.1	94.9
≥ 300	45.6 45.6	81.0	83.3 83.5		88.5	89.7 89.7			92.9 93.4 93.5	93.7 94.5		95.7	96.1			96.3 97.6
≥ 100	45.6	1 7	83.5				91.3	93•2 9 <u>°•</u> 2	- 1		95.7 95.7	95.9 95.9	1		i · · ·	100.0

TOTAL NUMBER OF OBSERVATIONS_

930

USAF ETAC AREA 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM ARE CONOUS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFE FL

68-70,73-79

UAN_

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY ISTA	TUTE MIL	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥27	≥2	21%	≥1%	≥1	≥ ३,,	≥ 29	≥ %	≥5 16	≥.	≥0
NO CEILING ≥ 20000	24.9 25.5	44.7 47.3	47.7 58.5	49.C 52.C	51.2 54.2	51.6 54.6			54 • 3 57 • 3			55.8 58.9	55.9 59.3	56.1 59.2	56.2 59.4	61.2
≥ 18000 ≥ 16000	25.5 25.5	47.3 47.4	59.6	52.7 52.3	54.3 54.4	54.7 54.8	56.3 56.5	57.1 57.2	57.4 57.5		59.1	59.0 59.1	59.2		59.6	61.4
≥ 14000 ≥ 12000	25.5 26.1	47.5 48.9	52.2	52.4 53.8		54.9 56.3	58 • C	57.3 58.8	57.6 59.1	59.9	60.8		60.9	59.6 61.1		63.0
≥ 10000 ≥ 9000	27.4	51.8		56.5 57.0		59.1 59.7	61.3	61.6 62.2	61.9 62.5	63.2	64.1		63.7 64.2	63.9 64.4	64.0 64.5	66.3
≥ 8000 ≥ 7000	28.1 28.1	53.5 54.1	57.7	58 · 8 59 · 4	61.7	61.8	63.4 64.0	64.8	64.6 65.2	66.0	_	66.3 66.9	66.5 67.0		67.3	69.1
≥ 5000 ≥ 5000	28•2 28•8	54.8 56.7	60.5	60.2			66.9	65.7	66.0 58.1	68.9				70.1	70.2	72.0
≥ 4500 ≥ 4000	29.7	58.1 59.6			66.2	66.9		71.3	69.7 71.4		73.3	73.4	71.5 73.5	71.7	71.8	75.7
≥ 3500 ≥ 3000	30.2 30.6	61.8	66.1 68.0	68.2 70.0	70.6 72.5	71.3	74.7	73.8	74.1 75.9	74.9 76.8	77.6	75.9 77.7	76.0 77.8	76.2 78.1	76.3 78.2	80.0
≥ 2500 ≥ 2000	31.1 31.5	64.5 65.7	68.9 70.3	71.0 72.5	73.4	74.1 76.0	75.7 77.6	76.6 78.5	76.9 78.8			78.7 80.9	78.8 81.0		79.1 81.3	83.1
≥ 1900 ≥ 1500	31.7	67.5	72.2		76.0 77.6	76.6 78.4	76.4 80.0	79.2 81.0	79.5 81.3	82.3		81.6	81.7		82.0	85.6
≥ 1200 ≥ 1000	32.4 32.8	68.9	73.8		78.4 80.1	79.1 80.9	81.0 82.7	81.9	82.3 84.0	84.9			84.4	84.6		88.3
≥ 900 ≥ 800	33.0 33.1	69.6	74.9	78.4	81.0	81.7 82.2	83.5 84.0	84.5	84.8 85.3	86.2			87.9		67.7	89.6
≥ 700 ≥ 600	33.2	70.4	76.1	79.6		83.8		85.9 96.9		88.3			88.5			
≥ 500 ≥ 400	33.4 33.4	71.2 71.3				84.9 84.9	86 • 2 87 • 0 87 • 5		88.0 89.2	90.3			90.3 91.8 92.6	90.5 92.2 92.9		92.6 94.2 95.2
≥ 300 ≥ 200	33.4	71.4	77.0			85.4	87.5	89.6	90.2	91.4	92.5	92.7	93.5	94.0	94.4	96.8
≥ 100	33.4	71.4			1			89.8 89.8	90.2 90.2					94.5		100.0

TOTAL NUMBER OF OBSERVATIONS

\$30

USAF ETAC AL44 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE OBSOLE

--DATA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							ViS	BILITY (STA	ATUTE MILI	ES)		-				
(*EET)	≥10	≥6	≥5	≥4	≥3	בי2≦	≥2	≥1%	≥1%	≥1	≥ ³ .a	≥ 1,	≥'5	≥ 5 16	≥ .	≥e
NO CEILING ≥ 20000	26.9 29.2		50.6 56.6			54.4 60.6		55.9 52.4	56.2 62.7		56.7 63.2	56.7 63.2	57.1 63.7	57.1 63.7	57.4 64.0	
≥ 18000 ≥ 16000	29.2 29.4				60∙4 60•8	61.1 61.4		62.8 63.1	63.1 63.4		63.7 64.0	63.7 64.0	64.4 64.4	64.4	64.4 54.7	64.7 65.1
≥ 14000 ≥ 12000	29.8 30.0	56.0	58.0 59.0		61.7 62.8	62.5 63.5	4		64.5 65.6	64.9 66.3		65.1 66.1	65.5 66.6	65.5 66.6	65.8 66.9	
≥ 10000 ≥ 9000	30.4 30.4	59.2	62.3 62.5		66.0 65.2	66.9 67.1		68.8	69.1			69.5 69.7		69.9 70.1	70.2 78.4	
≥ 8000 ≥ 7000	30.4 30.6	60.9	63.4 64.3	65.7		58.2 59.1	79.0	71.0	71.3	71.7	71.8	71.8	72.3		72.5	
≥ 6000 ≥ 5000	31.0 31.0	62.6	65.4 66.5	67.8	70.4	70.2 71.4	72.3		72•4 73•7	74.1	74.2	72.9 74.2	73.3 74.6	74.6	74.9	75.3
≥ 4500 ≥ 4000	31.3 31.6		69.1	68.7 70.6		72.3 74.3	75.2		74.5 76.6	77.0	77.1	75.1 77.1	75.5 77.5			78.2
≥ 3500 ≥ 3000	32.6 32.6	68.1	70.9	72.4 74.1	76.8	76.0	78.6		80.0	80.4				81.1	79.6 81.4	81-7
≥ 2500 ≥ 2000	32.9 33.1	71.6	76.2		80.9	80.3	82.8	83.9	82.7 84.4			84.9	85.5	85.5	85.8	86.1
≥ 1800 ≥ 1500	33.2 33.3	73.1	76.6 78.0	79.6	82.6	82.3 83.8	84.8	85.9	84.7 86.5	86.9	87.0	87.0	87.5	87.5	87.8	88.2
≥ 1200 ≥ 1000	33.7 33.9			81.4	84.5	84.6 85.7	87.2	88.3	88.8	89.4	89.5		90.1	90.2	99.5	90.9
≥ 700 ≥ 800	33.9	74.7		82.4	85.5	86.0 86.9	88.4	8.63	90.3	98.9	91.2		91.7	91.8	92.2	92.5
≥ 700 ≥ 600	33.9	75.3	80.4 80.8	83.2	86.3		89.7	91.3		92.4	92.7	92.7	93.2	93.4	93.8	94.1
≥ 500 ≥ 400	33.9	75.5	81.1	83.5	87.1	88.5 89.0	91.3	93.0		94.3	94.8	94.8	95.6	95.8	96.2	96.6
≥ 300	33.9				87.2	89.1 89.2	91.5	93.5	94.4	95.3	95.9	96.0	96.9	96.7 97.1	97.6	98.6
≥ 100 ≥ 0	33.9 33.9		81.1 81.1					93.5 93.5		95.3 95.3	1			1 1		99.5 100.0

TOTAL NUMBER OF OBSERVATIONS....

930

USAF ETAC ALL O-14-5 (OL A) REVIOUS ENTITIES OF THIS FORM ARE ORDOR

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1281U KA

MACDILL AFB FL

68-70,73-79

JA N MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUIE MIL	ES)						
(FEET	≥10	≥6	≥5	≥4	≥3	לי2≦	≥2	≥1%	≥1%	≥1	≥٤	≥ 3-9	≥ ״	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	42.3		69.9 69.8		61.7 71.2	61.7	61.8 71.3	61.8 71.3	61.8		1 1 7 1 1	61.8 71.3	61.8 71.3	61.8 71.3		
≥ 18000 ≥ 16000	46.9	69.7	70.2	70.8	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000 ≥ 12000	47.3	70.8	70.6	71.8	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8		72.8	72.8
≥ 10000	47.8	74.9	72.5	73.0 76.1	73.9 77.0	73.9			74.0 77.1	74.0 77.1	74.7		74.0	74.5	74.0	
≥ 9000	49.0	75.1 76.7	75 • 6 7 • 3	76.2 78.1	77.1 78.9	77.1 78.9			77.2 79.0			77.2 79.0		77.2 79.0		
≥ 7000 ≥ 6090	49.4 50.0	78.1 78.8	78.7 79.5	79.5 80.2	80.4	8D.4				80.5					88.5	80.5
≥ 5000 ≥ 4500	50 • 0	79.9 80.6	80.6	81.4	82.4	82.4	82.5			82.5			32.5	82.5		82.5
≥ 4000	50.9	82.8	83.9	84.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000	51.3 51.6		85•6 86•5			87.6 88.5	88.6	87.7 88.6		88.6	88.6	88.6	88.6			87.7 88.6
≥ 2500 ≥ 2000	52.7	86.9 88.3	88.2 89.7		90.2 91.8	90•2 91•8	90•3 92•0				90.3 92.0			90•3 92•0		
≥ 1800 ≥ 1500	52 • 8 52 • 8		90.4		92.7 94.1	92.7		92.9 94.4	92.9 94.4			92.9				
≥ 1200 ≥ 1000	53.2 53.2		92.9	94.3	95.8	96.0 97.0	96.2	96.2	96.2	96.2		96.2	96.2		96.2	
≥ 900 ≥ 800	53.2 53.2	92.0	94.0	95.4	97.D	97.3 97.5	97.7	97.7	97.7	97.7	97.7	97.7		97.7 98.1		97.7
≥ 700 ≥ 600	53.2 53.2	92.3	94.3	96.0	97.8	98.4	98.8	98.8	98.8	98.9	98.9	98.9	78.9	98.9	98.9	98.9
≥ 500 ≥ 400	53.2	92.3	94.3	96.2	98.2	98.5 98.7	99.4	99.5	99.5	99.6	99.6	59.6		99.1 99.6	99.6	99.6
≥ 300	53.2	92.4		95.3	98.3	98.8	99.5		99.6		99.9	99.8	99.9	99.9	99.8 99.9	99.9
≥ 200	53.2 53.2		94.4		98.3 98.3	98 • 8 98 • 8		99.7			10C.0					
≥ 0	53.2	92.4	94.4	96.3	98.3	98.8	99.5	99.7			100.7					

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC KAN 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDER

CEILING VERSUS VISIBILITY

12810

MACDILL AFE FL

68-70,73-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1509-1700

CEILING							VIS	BILITY (STA	ATUTE MILI	ESI						İ
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ზ	≥2	≥175	≥1'2	≥1	≥٤٠	≥ >9	≥ 'n	≥5-16	≥ •	≥0
NO CEILING ≥ 20000	44.3 50.8	58•1 68•4	58.5 68.8	58.6 68.9	58•7 69•0	58.7 69.0		58 • 8 69 • 1	58.8 69.1		58.8 59.1	53.6 69.1		58.5 69.1	58.8 69.1	58.8 69.1
≥ 18000 ≥ 16000	50.8 50.9	68•4 68•7		68.9 69.2	69.0 69.4	69.8 69.4	69.0 69.4	69 • 1 69 • 5	69.1 69.5	69.1 69.5		69.1 69.5	69.1 69.5	69.1 69.5	69.1 69.5	69.1 69.5
≥ 14000 ≥ 12000	51.6 52.9	70.2 72.2		70.8		70.9 72.8		71.0					71.0 72.9			71.G 72.9
≥ 10000 ≥ 9000	54.5 54.6	75.1 75.5		75.6 76.0		76.1		76.2	76.2	76.2	76.2	75.2				75.8 76.2
≥ 8000 ≥ 7000	56.2 56.8	78.6 79.6	80.2		80.4	79.5 80.4	88.4		80.5	80.5	80.5	79.6 89.5	80.5	80.5	80.5	80.5
≥ 6000 ≥ 5000	57.0 57.3	80.4 81.7	82.6	81.2 82.7	82.8	81.3 82.8	82.8	82.9	82.9	82.9	82.9		82.9	82.9	82.9	82.9
≥ 4500 ≥ 4000	57.7 58.3	82.6 84.2	85.4		83 .8 85 .7	83.8 85.7	83.6 85.7	93.9 85.8	85.8	85.8	85.8	85.8	85.8	85.5	85.8	
≥ 3500 ≥ 3000	59.1 60.1	86.5 88.5	89.7	87.8 89.9	88.G 90.0	0.93 0.09	88 • C 90 • C		88.1 90.1	88.1 90.1	88.1 90.1	88.1 90.1	88.1 90.1	88.1 90.1	88.1 90.1	88 • 1 90 • 1
≥ 2500 ≥ 2000	61.4	98.5		92.0	92.3		92.3 94.5		92.4		92.4 94.7					92.4
≥ 1800 ≥ 1500	61.5	93.0	95.5	94.5 96.0			95.2 96.7	95.4 96.9		95.4 96.9			96.9		96.9	
≥ 1200 ≥ 1000	61.7	95•1 95•5		96.9	97.5 98.2	97.5 98.2	97.6 98.4	98.0 98.7	98.0 98.7	98.7	98.7		98.7	98.7	98.7	98.7
≥ 900 ≥ 800 > 700	61.9	95.7 95.7			98.4 98.4		98.6 98.6	98.9 98.9		98.9	98.9	98.9	98.9 98.9			98.9
≥ 600	61.9	95.8 95.9	97.4	97.8 98.0				99.5	99.5				99.5	99.5	99.5	99.2
≥ 500 ≥ 400	61.9	96 • 1 96 • 2	97.7		99.2			99.9		99.9	99.9		99.9	99.9	99.9	
≥ 300 ≥ 200	61.9 61.9	96.2 96.2	97.7	98•3 98•3				99.9	99.9	99.9	99.9	99.9		99.9	99.9	
≥ 100 ≥ 0	61.9	95.2		98.3	99.2								99.9			100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A), PREVIOUS EDITIONS OF THIS FORM ARE DISCUS

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

- 100m

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1820-2000

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:	_					
(FEET	≥10	≥6	≥5	≥4	≥3	227	≥2	217	≥1.	≥!	ي ك	≥5	≥ ?	≥5 16	≥.	≥0
NO CEILING ≥ 20000	44.8 48.4					63.2 70.1	- 1	63.4 70.3	63.4 70.3			63.4 70.3		63.4 70.5		
≥ 18000 ≥ 16000	48•4 48•4		!		70.0 79.1	70 • 1 70 • 2	70.2 70.3									70.4 70.5
≥ 14000 ≥ 12000	48.5		1			71.1 73.0		1	71.3 73.2			71.3 73.2			71.3 73.2	
≥ 10000 ≥ 9000	51 • 1 51 • 1	74.8 75.3			1	76.5			76.2 75.7	76•2 76•7	76.2 76.7	75•2 76•7		76.2 76.7		76.3 76.8
≥ 8000 ≥ 7000	52.4 52.8			78 • 3 79 • 6		78.7 80.0		i 1	78.9 80.2			78.9 80.2		78.9 80.2	78.9 80.2	
≥ 500% ≥ 5000	53.5 54.1	80.1 81.6	80.6 82.2			81.5 83.2		81.5 83.5	81.8 83.5			81.8 83.5	61.8 83.5			81.9 83.7
≥ 4500 > 4000	55.3 55.7	84.7	83.5 85.4			84.6 85.5		84.9 86.8		86.8		84.9 86.8				80.9
≥ 3500 ≥ 3000	56.2 56.5	87.3		87•7 88•7	88.3 89.2	88.4	89.6	88 • 7 89 • 7		88.7 89.7	58.7 89.7	89.7	88.7 89.7		89.7	89.8
≥ 2500 ≥ 2000	56 • 8 57 • 4	90.2	89.4 91.4				93.1	91.0 93.2	91.5 93.2	93.2	93.2	91.0 93.2	93.2	93.2		93.3
≥ 1800 ≥ 1500	57.6 57.8	91.7	93.0		94.3		94.7		93.5 94.8	94.8	94.8	93.5 94.8				95.1
≥ 1200 ≥ 1000	58.8 58.9	93.7	95.1	95.5 95.8	96.5		96.9	96.7 97.0		97.1	96.8 97.1	96.8 97.1	96.9 97.2	97.2		97.3
≥ 900 ≥ 800	59.0 59.1	94.5	95.1	96.5 96.9	97.5	97.2 97.7	98.1		97.6 98.2	98.3			98.4	98.4		98.5
≥ 700 ≥ 600	59.2 59.2	94.6	95.3	97.1	97.7	97.8 98.1	98.4	98.5		98.6		98.4 98.6			98.5 98.7	98.8
≥ 500 ≥ 400	59•2 59•2	94.8	96.7	97.4	98.4	98.5 98.7	99.1	99.4		99.5	99.5	99.2		99.7		99.5
≥ 300 ≥ 200	59.2 59.2	94.8	96.7		98.4	98.7 98.7	99.1	99.5	99.5	99.6	99.6		99.7	99.8	99.9	100.0
≥ 100	59•2 59•2		1	97.4 97.4		98.7 98.7		99•5 99•5	99.5 99.5				99.7			100.0

TAI MINISTE OF ORGENYATIONS 931

USAF ETAC ALS 0-14-5 (OL A) PREMOUS EDITIONS OF THIS FORM ARE CHROLET

-DATA-PROCESSING-BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

58-70,73-79

40x1-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							v:S	BILITY IST	TUTE MILE	S,						
(FEET:	≥10	≥6	≥5	≥4	≥3	≥2 ว	≥2	≥15	≥اك	≥1	≥ 3,0	≥≒	2 +	≥5 16	≥ •	≥0
NO CERING ≥ 2000	47.7	64.5 68.8	64.5	66•2 79•2	70.8	70.9	71.0	71.5	71.0	71 . 3	67.2 71.2					58.0 71.9
≥ 18000 ≥ 16000	47.7	68.8 63.2	67.5	70.2	70.8	70.9	71.0		71.0	71.1		71.2	71.6 71.6			71.9
≥ 14000 ≥ 12000	48.7 48.5	69.5 69.5	76.5	72.8	71.8	71.5	72.0	72.0		72.2	72.5	72.3				73.0
≥ 10000 ≥ 9000	49.8	73.7 74.1	74.3	75.5 75.5		76.1	75.2	76.7	76.2		76.0 76.5		76.9	75.7 77.1		77.2
≥ 8000 ≥ 7000	50.9 51.5	76.1 77.5	78.3	77.5 79.0	79.6	79.7	79.8	79.8	79,8		78.5 80.5		80.4		80.6	
≥ 6000 ≥ 5000	52.4 53.0	78.5 79.6	80.3	80.0 81.1	81.6	81.7	81.9	£1-9			82.2	82,2	82.6	82.3	82.8	51.7 82.9
≥ 4500 ≥ 4000 ≥ 3500	53.7 54.7	80.3 82.7	83.4	81.8	8.43		15.2			85.3	85.4	85.4		86.0	86.0	
≥ 3000 ≥ 2500	55.4 55.4	84.9 86.1	85.7	85.7 86.5	1111	87.2	86.6 87.4	37.4	86.6 87.4 88.6	87.5	87.6	87.6	87.2 38.1	83.3	\$8.3	58.4
≥ 2000	56.1	86.8	87.5		89.1		89.5	89.5	59.5	89.ú	89.7	89.7	99.1		90.3	90.4
≥ 1500	56.3	87.1 83.8	88.0	88.9	89.7	89.8		90.0	90.0		90.2	90.2	90.5	90.9 92.8	90.9	91.0
≥ 1000 ≥ 900	57.6 57.6	59.6 89.6	90.5	92.5	92.3	92.4	92.7	_	92.7	92.8	92.9	92.9	73.3	93.5	93.5	93.7
≥ 800 ≥ 700	57.6 57.8	90.0	91.0		92.7	93.0	93.3		93.3	93.4	93.5	93.5	94.0		94.2	95.3
≥ 500	57.8	90.6	92.0		94.5	94.8	95.3	95.3	95.7	95.5	95.6	95.6	95.8	96.2	96.2	
≥ 400	57.8 57.8	91.2	92.6	94.2	95.4	95.7 95.9	96.2	96.2	96.3	96.5		96.6	97.1		97.3	97.5
≥ 200 ≥ 100	57.8 57.8		92.5	94.3	95.8	96 • 1	95.9	97.0	97.4	97.6	97.8	97.8	98.5	98.7	98.7	99.4
≥ c	57.8															100.6

OTAL NUMBER OF OBSE-VATIONS.....

USAF ETAC REAL 0-14-5 (OL A) REVIOUS EDITIONS OF THIS FORM ARE CRESCET

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

£

MACDILL AFB FL

68-70,73-79

JAN ...

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOUS ILS!

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEE i)	≥10	≥6	≥5	≥4	≥3	≥2½	≥ 2	≥1%	≥14	≥1	≥ ¾	≥ >'a	د، ≤	≥5/16	≥.	≥0
NO CEILING ≥ 20000	37.8 40.4	56.3 61.7		58.3 63.9	59.2 64.9	59.5 65.1			60 · 4	60 • 6 66 • 3		60.8 66.6	61.0 66.7		61.2 67.0	-
≥ 18000 ≥ 16000	40.4 40.4	61.9 62.0			65.2	65.3 65.5	65.8 66.0	66.2 66.3	66.3 66.5	66.5		66.7 66.9	66.9 67.1	67.0 67.2		67.6 67.7
≥ 14000 ≥ 12000	40.8 41.4	62.7 63.9				66 • 1 67 • 4	66.7 67.9	67.0 68.3	67•1 68•4	67.3 68.6	1	57.6 68.9			58.0 69.2	68.4 69.7
≥ 10000 ≥ 9000	42.6 42.7	66.8 67.3		69.5	1	70.4 70.8	70.9 71.4	1	71.4 71.9	71.6 72.0		71.8 72.3			72.2	72.7 73.1
≥ 8000 ≥ 7000	43.4 43.8	69.0 70.1	71.6	71.3 72.5	73.6	73.9	73.3	74.8	73.7 74.9	75.1	75.0		75.5	75.6		76.2
≥ 6000 ≥ 5000	44.8		74.1		76.2	76.5		77.4	77.5	77.7	78.0		78.2	78.3	78.4	78.8
≥ 4500 ≥ 4000	45.5	75.6	77.4	78.5	79.7	80.0	80.5	80.9	81.0	81.3	81.5	81.6	81.7	81.8	82.0	82.4
≥ 3500 ≥ 3000	46.7		80.4	81.5	82.7	83.7	83.6		84.1	84.3	84.6	83.3 84.6	84.8	84.9	85.1	
≥ 2500 ≥ 2000	47.6	80.0	83.5		86.0	86.4	87.0		87.6	86.1 87.8	88.1	86.4	88.3	88.4	88.5	89.0
≥ 1800 ≥ 1500	48.2 48.5 49.1	81.7 82.7 83.8	84.5	86.2	87.6	88.0		89.2	89.3	89.6	89.9	88.5	90.1	90.2	90.3	90.7
≥ 1200 ≥ 1000 > 900	49.4	84.5	86.8	88.3	89.9	90.3	91.2	91.6		92.0	92.4	91.4 92.4 92:9	92.5	92.7	92.8	93.3
≥ 900 ≥ 8∞ ≥ 700	49.5	85.4	87.6		90.8	91.3	92.1	92.6	92.8	03.1	93.4	93.4	93.6	93.8	93.9	94.3
≥ 600	49.7	85.7 85.9	98.3	90 · G	8	92.4	93.3	93.9	94.0	94.4	94.7	94.7	94.9	95.1	95.2	95.7
≥ 400	49.8		88.8	90.7	92.7	93.5	94.5	95.3	95.5	55.8 56.3	96.2		96.5	96.7	96.9	97.3
≥ 200	49.8		88.9	90.9	93.0	93.8	95.0	95.9	96.2	96.7	97.1		97.6	97.8	98.1	98.7
≥ 0	49.8	86.1	1 1												1	100.0

TOTAL NUMBER OF OBSERVATIONS 7

USAF ETAC NICOL 0-14-5 (OL A) PREMOUS ED: 9 ... IS FORM AND ORNOLE

--BATA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12816

MACDILL AFB FL

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3000-0200

CEILING							VIS	BILITY (ST	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1%	≥1%	≥1	یڈ ≤	≥ %	در ≷	≥ 5-16	ه√ ≦	≥0
NO CEILING ≥ 20000	45.3 46.5	66.7 68.9	67.8 69.9	68.4 70.5		69•2 71•4	69.5 71.6		69.7 71.8	69.7 71.8	59.8 72.0	69.8 72.0	70 • 1 72 • 2	70 • 1 72 • 2	70.1 72.2	70.3 72.4
≥ 18000 ≥ 16000	46.5	68 ·	69.9 69.9	70.5 70.5	71.4 71.4	71.4	71.6 71.6	1	71.8 71.8	71.8 71.8	72.0 72.0	72.0 72.0	72.2 72.2	72.2 72.2	72.2 72.2	1. 1
≥ 14000 ≥ 12000	#6.7 47.7	69 70.5	70.2 71.6	70.8 72.2							· · · · · · · · · · · · · · · · · · ·			72.4 74.1	72.4	
≥ 10%0°/ ≥ 9000	49.7	73.7	74.8	75.4	77.9	76.2 77.9	78.1	78.3				78.6			77.4	79.3
≥ 8000 ≥ 7000	51.0 51.8	77.4 78.7			81.3					81.9	82.0	80.7 82.0				82.7
≥ 6000 ≥ 5000	52.7 53.6 53.8	80.0 81.4	82.6	83.2 83.6	84.1	82.6 84.1 84.5	84.4 84.7	83.1 84.6 85.0	83.2 34.7 85.1	83.2 84.7 85.1	83.3 84.9 85.2	83.3 84.9 85.2	85.2	85.2		85.6
≥ 4000	55.0 55.5	83.3	84.6	85.3	86.3	86.3	86.5	86.7	86.9	86.9	87.0	87.0	87.3		£7.5	87.7
≥ 3000 ≥ 2500	56 • B	85.3	86.7		89.0	89.0	89.2	89.5	1	89.6	89.7	89.7 90.7	90.1	90.1	90.2	90.4
≥ 2000	57.2 57.4	87.7	89.2	90.3		91.8	92.1	92.3	92.4	92.4	92.5	92.5	92.9	92.9	93.0	93.3
≥ 1500	58.2 58.8	88.9		91.5	93.0			93.5	93.6			93.7		94.9	94.2	
≥ 1000	58.8 58.8	89.9 90.1			94.1	94.2	94.4				_	94.9 95.0		95.4 95.4		95.6 95.7
≥ 800 ≥ 700 ≥ 600	58.9 59.1	90.3	92.7	93.8	95.4	95.4	95.7	96.0	95.3 96.1	96.1	96.3	96.3	96.7	96.7	96.8	97.0
≥ 500 ≥ 400	59.2 59.3	91.1 91.2	93.0	94.6	96.1	96.1	96.4	96.7	96.8	96.8	97.0		97.4	97.4	97.5	97.8
≥ 300 ≥ 200	59.3	91'46		95.0	96.7	96.7	97.0		97.4	97.4	97.6	97.6	98.2	98.2	98.3	98.6
≥ 100 ≥ 0	49.3 59.3	91.6			96.7	96.7	97.0	97.3	97.4	97.4	97.6	97.8 97.8 97.8	98.7	98.8	99.1	98.9 99.4 100.0

TOTAL NUMBER OF OBSERVATIONS 8

USAF ETAC FORM (0-14-5 (OL. A) PREVIOUS OF THIS FORM ARE DISOLETE

DATA PROCESSING BRAPCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810 NACDILL AFB FL

68-70,73-79

MONIH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING ≥5 16 ≥ 5 ≥2 ≥1% 214 ≥1 > 10 59.8 60.4 61.3 61.7 62.2 62.8 63.1 65.2 61.6 62.3 63.2 63.6 64.1 64.7 65.0 65.2 NO CERING 61.7 62.2 62.8 63.1 63.2 63.5 63.5 63.5 63.5 41.0 58.7 ≥ 20000 41.7 60.4 65.5 65.5 65.5 65.5 65.8 65.4 61.6 62.3 63.2 63.6 64.1 64.7 (5.0 65.2 61.6 62.3 63.2 63.6 64.1 64.7 65.0 65.2 ≥ 18000 65.5 65.5 65.5 65.5 65.8 66.4 41.7 60.4 ≥ 14000 65.5 65.5 65.5 65.5 65.8 66.4 41.7 60.4 62.4 63.1 64.1 64.4 64.9 65.5 65.8 66.1 66.3 66.3 66.3 66.3 66.7 67.3 ≥ 14000 42.2 61.2 64.2 64.9 65.8 66.2 66.7 67.3 67.0 68.0 68.3 68.3 68.3 68.3 68.7 69.3 44.0 63.7 ≥ 10000 45.5 65.6 67.0 67.7 68.7 69.0 69.5 70.1 70.4 70.8 71.2 71.2 71.2 71.2 71.5 72.1 45.5 67.3 68.4 69.1 70.1 70.4 70.9 71.5 71.9 72.2 72.6 72.6 72.6 72.6 72.9 73.5 2 9000 69.0 70.2 70.9 71.9 72.2 72.7 73.3 73.6 74.8 74.3 74.3 74.3 74.3 74.7 75.3 70.7 71.9 72.6 73.5 73.9 74.3 74.9 75.3 75.7 76.0 76.0 76.0 76.0 76.0 76.4 77.0 72.2 73.5 74.2 75.2 75.5 76.0 76.6 77.0 77.3 77.7 77.7 77.7 77.7 78.0 78.6 ≥ 8000 ≥ 7000 ≥ 6C00 ≥ 5000 48.2 49.4 73.9 75.2 75.9 77.0 77.3 77.9 78.5 78.8 79.2 79.6 79.6 79.6 79.6 79.6 80.5 74.6 75.9 76.6 77.7 78.0 78.6 79.2 79.6 79.9 80.3 80.3 80.3 80.3 80.6 81.2 ≥ 4500 76.4 17.8 78.5 79.6 79.9 80.5 81.1 81.4 81.8 82.2 82.2 82.2 82.2 82.5 83.1 77.4 79.0 79.7 80.7 81.1 81.7 82.3 82.6 83.0 83.3 83.3 83.3 83.3 83.7 84.3 78.6 80.5 81.2 82.4 82.7 83.3 83.9 84.3 84.6 85.0 85.0 85.0 85.0 85.0 85.3 85.9 79.6 81.6 82.4 83.6 83.9 84.6 85.2 85.6 85.9 86.3 86.3 86.3 86.3 86.6 87.2 ≥ 4000 50.6 ≥ 3500 51.1 ≥ 3000 ≥ 2500 ≥ 2000 52.4 81. q 83. q 83. q 85. q 85. q 85. 3 86. 1 86. 6 87. q 87. 4 87. 7 87. 7 87. 7 87. 7 88. 1 88. 7 53.1 81.2 83.7 84.0 85.3 85.7 86.4 87.0 87.4 87.7 88.1 88.1 88.1 88.1 88.4 89.0 53.2 81.6 83.9 84.8 86.1 86.5 87.7 87.8 88.2 88.5 68.9 88.9 88.9 88.9 88.9 89.2 89.8 ≥ 1800 ≥ 1500 82.9 85.1 85.9 87.4 87.8 88.5 89.1 89.5 89.8 90.2 90.2 90.2 90.2 90.5 91.1 84.0 86.3 87.2 88.7 89.1 89.8 90.4 90.8 91.1 91.5 91.5 91.5 91.5 91.8 92.4 2 1200 ≥ 1000 84.4 86.6 87.6 89.0 89.5 90.2 90.8 91.1 91.5 91.8 91.8 91.8 92.2 92.8 84.6 86.9 87.8 89.2 89.7 90.5 91.3 91.6 92.0 92.3 92.3 92.3 92.3 92.7 93.3 900 800 54.6 55.1 85.3 87.6 88.5 90.0 90.4 91.3 92.0 92.3 92.7 93.0 93.0 93.0 93.0 93.4 94.0 55.3 86.1 88.8 89.7 91.3 91.7 92.6 93.3 93.6 94.0 94.3 94.3 94.3 94.3 94.7 95.3 86.5 89.2 98.5 92.3 92.8 93.6 94.3 94.7 95.0 95.4 95.4 95.4 95.4 95.7 96.3 87.0 89.7 91.0 93.1 93.6 94.4 95.2 95.5 95.9 96.2 96.2 96.2 96.2 96.6 97.2 87.0 89.7 91.0 93.3 93.7 94.7 95.5 95.9 96.3 96.7 96.7 96.7 96.7 97.0 97.6 87.0 89.7 91.0 93.3 93.7 94.7 95.5 95.9 96.3 96.8 96.9 96.8 96.9 97.3 97.9 500 55.3 400 300 90.0 91.3 93.5 94.0 94.9 95.7 96.1 96.6 97.0 97.0 97.0 97.2 98.1 99.5 100 94.0 94.9 95.7 96.1 96.6 97.0 97.0 97.0 97.2 98.1100.0

TOTAL NUMBER OF OBSERVATIONS...

846

USAF ETAC JULIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATION NAME

--UA-TA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACOTLL AFR FL

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

០៥០០-០៩០០

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥ }	≥5	≥4	≥3	≥2%	≥2	≥1%	≥14	≥1	≥ ¾	≥%	≥ 1/2	≥5-16	≥'₄	≥0
NO CEILING ≥ 20000	29.0 29.8	46.3 48.3	49.3 51.3	50 · 9 53 • 2	52 • 7 55 • 2	53•4 55•9	54 • 1 56 • 6	54.6 57.2	55.1 57.7	55.4 58.3	56.1 59.0	56.1 59.0	56.4 59.2	56.7 59.6	,	58.3
≥ 18000 ≥ 16000	29.9 29.9	48.5 48.5	51.4 51.4	53.3 53.3	55.3 55.3	56 • 0 56 • 0	56.7 56.7	57.3 57.3	57.8 57.8		59.1 59.1	59.1 59.1	59.3 59.3	59.7 59.7	60.6 60.6	
≥ 14000 ≥ 12000	30.5 31.8	49.1 51.1	52.0 54.1	53.9 56.3	55.9 58.3	56 • 6 59 • 0	57.3 59.7	60.5	58.4 61.0	59.0 61.7	59.7 62.4	59.7 62.4		60.3 63.0		64.5
≥ 10000	33.3		57•1 59•2	59.2 61.3	61.3 63.5	62•1 64•2	62.9 55.0	63.7 65.8	64•2 66•3	64.9 67.0	67.7		68.0		69.3	59.9
≥ 8000 ≥ 7000	35.0 35.6		62.8			66 • 1 67 • 7	66.9 68.6	69.4	68•2 69•9	68.9 70.6	71.3	69.6 71.3	71.5	70.3 72.0		73.5
≥ 6000 ≥ 5000	35.7 36.2	59.8 61.0	63.2 64.4	65.4 66.5	68.8	66•2 69•5	69.0 70.3	69.9 71.2	70.3 71.6	71.0 72.3	71.7 73.0			72.6	73.5 74.8	75.4
≥ 4500 ≥ 4000	36.5	62.4				70 • 9 72 • 6	71.7		73.0 74.9	75.7	74.5 75.4	76.4	76.6	75.3 77.2	76.2 78.1	75.7
≥ 3500	37.9	67.0	68.7 70.8		75.4	74.0 76.1	74.9 77.2	75.9 78.1	76.4 78.6		77.8 80.0				81.9	82.6
≥ 2500 ≥ 2000	38.7	68.8 70.4	72.9 74.6	75.2 76.8	79.2	78.3 79.9	79.3 81.2	82.3	80.7 82.7	81.4	82.2 84.2	82.2	82.4		86.2	87.0
≥ 1800 ≥ 1500 ≥ 1200	40.5 40.5	71.3	74 - 8			80.3 81.0	81.6 82.3	83.3	83.2 83.9	84.6		84.6 85.3	84.9		87.4	88.2
≥ 1000	41.0		76.5 77.3 78.6	78 · 8 79 · 7 81 · 1		82.3 83.3	83.7 84.8 86.4	84.8 85.8	85.3 86.5 88.2	87.2		86.8 87.9 89.6			88.8 90.0	90.8
≥ 800 ≥ 700	41.4		79.2 80.1		85.1	85.8 86.8	87.4	88.4	89.1 90.1	89.8 90.8	90.5		90.8		92.6	93.4
≥ 600	41.5	75.5		83.7	86.9	87.6	89.1	90.2	90.9 91.6	91.6			92.7	93.3	94.4	95.3
≥ 400	41.6		81.6	84.5	87.7	88.5		91.1	91.8				93.6	3	95.4	96.2
≥ 200	41.6	76.1	81.6	84.6	88.3	59.1 89.1	90.8	92.1	92.8	93.7	94.4	94.4	95.0		97.6	98.0
≥ 0	41.6			i - 1	1	89.1	90.8		92.8					95.9	1	100.0

TOTAL NUMBER OF OBSERVATIONS

845

USAF ETAC JULIA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

[2]

CEILING VERSUS VISIBILITY

12810 MACDILL AFB FL STATION NAME

68-70,73-79

FEB WONTE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0460-1100

CEILING							VISI	BILITY (STA	ATUTE MILE	(S)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 /2	≥2	≥172	≥1%	≥1	≥ 1,	≥4,	בי ≤	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	32.5 33.8	51.8 55.6			56.5 60.6	57.0 61.1	57.2 61.3	57.4 61.6	57.4 61.6	57.8 61.9	58.2 62.3	58 · ? 62 · 3	58.2 62.3	58•2 62•3	58•2 62•3	58.2 62.3
≥ 18000 ≥ 16000	33.8 34.9	55.7 55.9	57.7 57.9	59.9 60.2	60.8 61.0	61.2 61.5	61.5	61.7	61.7 61.9	62 · 1	62.4 62.6	62.4 62.6	62.4	62.4	62.4 67.6	62.4 62.6
≥ 14000 ≥ i2000	34.6 36.1	57.2 59.1	59.2 61.1	61.5 63.4	62.3	62.8 64.7	53.0 64.9	63.2 65.1	63.2 65.1	63.6 65.5	63.9 65.8	63.9 65.8	63.9 65.8	63.9 65.8		63.9 65.8
≥ 10000 ≥ 9000	36 • 6 37 • 5	62.3	64.7 66.5	66.9 68.9	67.7 69.7	68.2 70.2	65.4 70.4	68.7 70.7	68•7 70•7	69.0 71.0		69.4 71.4	69.4 71.4	69.4 71.4	69.4 71.4	69.4 71.4
≥ 8000 ≥ 7000	38.4 38.7	66•3 67•8	69.6 71.2	72.0 73.5	73.0 74.6	73.5 75.1	73.8 75.3	74.8 75.5	74.0 75.5	74 • 3 75 • 9	74.7 76.2	74•7 76•2	74.7 76.2	74.7 76.2	74.7 76.2	74.7 76.2
≥ 6000 ≥ 5000	38.8 39.6	68•4 69•9	71.7 73.3	74 • 1 75 • 7	75.2 77.0	75 • 8 77 • 5	76.0 77.8	76.2 78.1	76.2 78.1	76.6 78.5		77.0 78.8	77.0 78.8		77.0 78.6	77.0 75.8
≥ 4500 ≥ 4000	39.8 40.7	70.4 72.3	73.9 75.8		77.7 79.7	78.3 80.3	78.5 80.5	78.8 80.9	78.8 30.9	79.2 81.2	79.6 81.6	79.6 81.6	79.6 81.6			79.5 81.6
≥ 3500 ≥ 3000	40.8	74.1	76.7 77.7	79.3 88.5	80.6	81.2 82.4	81.5 83.0	81.9 83.3	81.9 83.3	1			82.6 84.0		82.6 84.0	82.6 84.0
≥ 2500 ≥ 2000	41.5 41.8			81.8 83.8	85.5	86.2				85.2 87.6	87.9	87.9	85.6 87.9			85.6 87.9
≥ 1800 ≥ 1500	42.8	77.3 78.4	82.6			87.9	89.1			90.1	98.4		88.7 90.4		88.7 90.4	88.7 90.4
≥ 1000 ≥ 1000	43.6	79.8	85.3	88.3		91.0	90.9 92.4		91.6 93.1	92.0 93.6	94.0	94.0	94.0	94.0	94.0	
≥ 900 ≥ 800	44.0	81.8	86.5		91.4	92.3		94.6		95.0	95.4	94.6 95.4	95.4	95.4	94.6	94.6
≥ 700 ≥ 600	44.6	82.3	87.6	90.8	92.7	93.6	95.2		96.D	96.7	97.0	96.2 97.0	97.0	97.0		97.0
≥ 500 ≥ 400	44.8		87.9	91.3				97.0		97.9	98.3	98.3	98.7		98.1 98.7	98.8
≥ 300	44.8					94.4				98.1	99.1	99.1	99.5	99.5		99.4
≥ 100 ≥ 0	44.8	82.7 82.7	88.1 88.1	91.4 91.4				97.2	97.3 97.3		99.1 95.1	99.1 99.1	99.5 99.5			99•9 100•0

TOTAL NUMBER OF OBSERVATIONS

846

USAF ETAC ALGA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

--DATA- PROCESSING- BRANCH USAF ETAC AIR WEATHEY SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

HACDILL AFB FL

68-70,73-79

FFR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	BILITY (STA	ATUTE MILI	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'5	≥2	≥15	≥1 ₄	≥1	ية ≲	≥ >•	≥ '5	≥5 16	<u>≥</u> %	≥0
NO CEILING ≥ 20000	43.6 46.9	51.2 69.1	61.8 69.7		62.1 70.0	62 • 1 70 • 0	62.1 70.0	62.1 70.0	62.1 70.0	62.1 70.0	1	62.1 70.0	62.1 70.0		62•1 79•0	62.1 70.0
≥ 18000 ≥ 16000	46.9	69.4 70.0		70•2 70•8	70.2 70.8	70 • 2 70 • 8	70.2 70.8	1	70•2 70•8	70.2 70.8		70•2 70•8				
≥ 14000 ≥ 12000	48.0 50.0	71.0 73.4		71.9 74.2	1	71.9 74.2			71.9 74.2	71.9 74.2					. –	71.9 74.2
≥ 10000 ≥ 9000	51.3 52.1	76.2 78.0		77.1 79.0		77.1 79.0	77.1 79.0	-	77.1 79.0	77.1 79.0	77.1 79.0				77.1 79.0	
≥ 8000 ≥ 7000	52.8 53.5	80.4	1 7	81.3 83.0					81.3 83.0	81.3 83.0						
≥ 6000 ≥ 5000	54.4 55.3	83.3 85.3	84.2 86.4	84.6	84.6 86.9	84.6 86.9	84 • 6 86 • 9		84 • 6 86 • 9	84.6 86.9				1	84.6 86.9	1
≥ 4500 ≥ 4000	55.3 56.0	85.5 86.4			87.0				87.0 88.2	87.0 88.2	87.0 88.2	87.0 88.2			87.0 88.2	87.8 86.2
≥ 3500 ≥ 3000	56.1 56.7	87.2 89.0	1	89.2 91.1	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3	89.4 91.3
≥ 2500 ≥ 2000	57,0 58.6		93.9	91.8 94.8		92.1 95.0	92•1 95•0	92.1 95.0	92.1 95.0	92.1 95.0	92.1 95.0	92.1 95.0	92.1 95.0			
≥ 1800 ≥ 1500	59.8 59.3	92.4		95•2 96•5	95.4 96.7	95.5 96.8	95 • 5 96 • 8		95 • 5 96 • 8	95.5 96.8			1		95.5 96.8	96.8
≥ 1200 ≥ 1000	59.7 59.8	94.1 94.6	96.1 96.7	97.2 97.5	97.5 98.2	97.8 98.5	97 • 8 98 • 5		97 • 8 98 • 5		1		1		97.8 98.5	
≥ 900 ≥ 800	59.9 59.9	95.0		97.9 98.3	98.9			99.2	98.6 99.2	99.2	99.2			98.6	98.6	
≥ 700 ≥ 600	59.9 59.9	95.0	97.5		99.2	99.4	_	99.8		99.9	99.9	99.9	99.9			99.0
≥ 500 ≥ 400	59.9 59.9	95.0	97.5		99.2	99,4		99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0
≥ 300 ≥ 200	59.9 59.9		97.5		99.2	99.4		99.9	99.9	100.0	100.0	100.0	100.0		100.0	100.0
≥ 100 ≥ 0	59.9 59.9			98.6 98.6			99.5 99.5							F	1	100.0

TOTAL NUMBER OF OBSERVATIONS 84

USAF ETAC ALSE 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DESCRIE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12819

MACDILL AFB FL

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

						VtSI	BILITY (STA	ATUTE MILI	ES)						Ī
≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥1'7	≥۱۱۵	≥1	≥ 1/4	هر ≷	ب ≼	≥5 16	≥ .	≥0
42.8 47.4	59.3 66.9	59.3 66.9	59.3 66.9	59.3 66.9	59•3 66•9	59.3 65.9		59.3 56.9			59.3 67.0	59•3 67•0	59•3 67•0	59.3 67.0	59.3 67.0
47.5	67.3	67.3 67.7	67.7		- 1	67.3 67.7	67.3 67.7	67.3 67.7			67.4 67.8	67.4 67.8	67.4 67.5	67.4 67.8	
48.7 50.7	68.7 71.0	68.7 71.0	71.0				71.6		71.2	71.2	68.8 71.2	68.8 71.2	69.8 71.2	68 • 8 71 • 2	71.2
55.0	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
56.1	80.9	31.0	81.0	81.0	31.0	81.0	81.0	81.0	81.4	81.1	81.1	81.1	81.1	81.1	81.1
57.1	83.8	83.9	84.0	84.0	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
58.6	86.3	86.4	86.6	86.6	85.9	86.9	86.9	86.9	87.C	87.0	87.0	87.0	87.0	87.C	87.0
59.8	89.1 90.7	89.5	89.8	90.0	92.2	90.3	90.3	90.3	90.4	- 1	90.4		90.4	98.4	
61.2	92.3	93.3	- 1	95.0	94.4	94.6		- 1				94.7	94.7	94.7	94.7 95.5
61.7	94.1 95.0	95.2	95.9			96.7 98.3					96.8 98.5			96.8 98.5	96.6 98.5
61.9	95.5 95.5	96.9	97.8	98.1	98.6	98.8	98.8		99:1	99.1	98.9 99.1	98.9	98.9 99.1	93.9 99.1	98.9 99.1
61.9	95.6	97.0	98 - 1	98.6	99.2	95.4	99.4	99.4	99.5	99.6	99.5	99.6	99.5	99.6	99.6
61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
61.9	95.7	97.2	98.2	98,7	99.3	99.5	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9
61.9	95.7	97.2	98.2	98.7	99.3	99.5	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	12.8 17.4 17.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0	#2.8 59.3 #7.4 66.9 #7.5 67.3 #8.0 67.7 68.7 71.0 64.1 76.5 65.7 79.6 65.7 79.6 65.8 80.9 66.1 82.0 67.1 83.8 86.8 86.3 67.1 83.8 86.8 86.3 67.1 87.0 67.1 83.8 87.1 83.8	#2.8 59.3 59.3 47.4 66.9 66.9 47.5 67.3 67.3 67.3 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7	#2.8 59.3 59.3 59.3 47.4 66.9 66.9 66.9 67.3 67.3 67.3 67.3 67.7 67.7 67.7 67.7	#2.8 59.3 59.3 59.3 59.3 47.4 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.5 67.3 67.3 67.3 67.3 67.3 67.3 67.7 67.7	42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.3 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 71.0 81.0 81.0 <td< td=""><td>42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.3 67.3 67.7 67.8 77.8 77.8 77.8 77.8</td><td>42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 77.8 77.8 77.8 77.8</td><td>42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.7 67.9 67.9 67.9 67.9 67.9</td><td>42.6 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td><td>42.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td><td>42.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td><td>#2.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td><td>#2.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td><td>12.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3</td></td<>	42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.3 67.3 67.7 67.8 77.8 77.8 77.8 77.8	42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.9 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 67.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 68.7 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 76.5 77.8 77.8 77.8 77.8	42.8 59.3 66.9 66.9 66.9 66.9 66.9 66.9 66.9 66.7 67.9 67.9 67.9 67.9 67.9	42.6 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	42.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	42.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	#2.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	#2.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3	12.8 59.3 59.3 59.3 59.3 59.3 59.3 59.3 59.3

OTAL MINNER OF ORCEDUZIONE 84

LISAF FTAC SILM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE CHROLET

--DAFA-PROCESSING-BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	21%	≥1'4	≥1	≥ 1₄	≥ 349	≥ ∿;	≥ 5/16	≥`₄	≥0
NO CEILING ≥ 20000	41.6 44.2	63•2 67•5	63.5 67.7	63.7 68.£	63.7 68.0	63.7 68.0	63•7 68•0	63.7 68.0	63.7 68.0	63.7 68.0	63.7 68.0	63.7 68.0	63.7 58.0	63.7 68.0	63.7 68.0	
≥ 18000 ≥ 16000	44.4	68.0 68.0	68.2 68.2	68.4 68.4	68.4 68.4	68•4 68•4	68.4 68.4	68 • 4 68 • 4	68.4 68.4	68.4 65.4	68.4 68.4	68•4 68•4	68.4 68.4	68 • 4 68 • 4	68.4 58.4	
≥ 14000 ≥ 12000	47.4	69.7 71.5	70.0 71.7	70.2 72.0	70.2 72.0	70.2 72.9	70.2 72.0	70.2 72.0	70 • 2 72 • 0		70.2 72.0	70.2 72.0	70.2 72.0	70•2 72•0	70•2 72•0	72.0
≥ 10000 ≥ 9000	50.5 50.6	76.0 76.7	76.2	76.5 77.2	76.5 77.2	76.5 77.2	76.5 77.2	76.5 77.2	76.5 77.2	77.2	77.2	76.5 77.2	76.5 77.2	76.5 77.2	76.5 77.2	76.5 77.2
≥ 8000 ≥ 7000	52.4 53.0	79.7 81.2	79.9 81.7	80.1	80.1	80 • 1 81 • 9	80.1 81.9	80.1 81.9	80 · 1 81 · 9	80.1 81.9			80 • 1 81 • 9	80.1 81.9	80.1 81.9	
≥ 80° ≥ 80°	54.8	82.4 84.0	82.9	83.2 85.1	83.3 85.2	83.3 85.2	83.5 85.3	83.5 85.3	83.5 85.3		85.3	83.5 85.3	83.5 85.3	85.3	83.5 85.3	85.3
≥ 4500 - 4000	55.1 55.8	85.1 66.4		86.2 87.5	86.3 87.6	86.3 87.6		86.4	86.4 87.7			86.4		86.4		87.7
≥ 3500 ≥ 3000	56.5	88.8	87.9 89.4	88.4 90.0	88.5 90.1	88.5 90.1		88.7 95.2	88.7 99.2				88.7 90.2	88.7 90.2		90.2
≥ 2500 ≥ 2000 ≥ 1800	50.9 57.6 57.8	90 • 3 92 • 2 92 • 7	91.4 93.3 93.7	94 • 1 94 • 6	92.4 94.3	92.7	92.8 94.7 95.2	92.8 94.7 95.3	92.8 93.7 95.3		92.8 94.7	92.8	92 • 8 94 • 7	92.8	92.8 94.7 95.3	94.7
≥ 1500 ≥ 1200	58.5 58.9	93.7	95.0 95.7	96.7	96.5	95.0 96.7 97.4		96.9	96.9 97.8	96.9	96.9		95 • 3 96 • 9 97 • 8		96.9	96.9
≥ 1000	59.0 59.1	95.4	96.6	97.6 97.8		98.3 98.5			98.7		98.7	98.7	98.7 98.8		98.7 98.8	96.7
≥ 800	59.1 59.1	95.4		97.9	98.3	98.7		98.9			1		98.9 99.1		98.9	98.9
≥ 600	59.1 59.1	95.5 95.5	97.0	98.1 98.1	98.7 98.7	99.1	99.4	99.5	99.6	99.6	99.6		99.6	99.6		94.6
≥ 400	59.1 59.1	95 • 5	97.0	98.2	98.8			99.6	99.8	99.8	99.8	99.8	99.8	99.8		99.8
≥ 200	59.1 59.1	95.5 95.5	97.2	98.3		99.4	99.8	99.9	100.0	100.0	100.0	100.0	100 • G	100.0	100.0	100.0
≥ 0	59.1	95.5		7								100.0				

TOTAL NUMBER OF OBSERVATIONS____

846

USAF ETAC AT 44 0-14-5 (OL A) MEVIOUS FORTIONS OF THIS FORM ARE DISOLE

DATA PROCESSING BRANCH USAF ETAC AIR WEATHEP SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

#2 (TH)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING	VISIBILITY (STATUTE MILES) >10 > A ≥ 5 > 4 > 3 > 2 2 ≥ 1/2															į
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	21%	≥112	≥1	≥ ¾	≥ 2-9	≥ ″5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	46.3 47.8	68.1 69.6	68.6 70.2	1	69.0 70.7	69.0 70.7	69.0 70.7	69 • G 70 • 7	69.0 70.7			69.0 70.7			69.1 70.8	
≥ 18000 ≥ 16000	47.8 47.8	69.7 69.7	70.3 70.3		70.8 70.8	79.8 70.8	70.8 70.8	70.8 70.8	70 • 8 70 • 8	70.8	70.8	70.8 70.8		70.8	70•9 70•9	70.9
≥ 14000 ≥ 12000	48.7 48.7	70.3			71.4	71.4	71.4 72.1	71.4 72.1	71.4 72.1	71.4 72.1	71.4 72.1	71.4	71.4	71.4	71.5 72.3	72.3
≥ 10000 ≥ 9000	50.6	75.2 76.2		77.2	76.2	76.2 77.3	76.2 77.3	77.3	76.2						76.5 77.5	77.5
≥ 8000 ≥ 7000	52.6 53.2	78.3		79.3 81.0		79.4 81.1	79.4 31.1	79.4 81.1		79.4 81.1	79,4 81.1	79.4 81.1	79.6 81.2	79.6 81.2 82.7	79.7 81.3	81.3
≥ 6000 ≥ 5000	54 • 1 55 • 4	83.0 83.3	82.2 83.9	84.3		82 • 6 84 • 5	82.6 84.5	82.6 84.5	82.6 84.5	84.5	82.6 84.5	82.6 84.5	84.5	84.6 85.1	82.9 84.8 85.2	84.8
≥ 4500 ≥ 4000 ≥ 3500	55.8 57.1	84.2		85.6 87.5		85 · 8 87 • 7	85.9 87.9		85.9	85.9	85.9	85.9	86.1	85.1 88.1	86.2 88.2	86.2
≥ 3000	57.3	86.9	- ' - '	88.4		88.7		89.G	69.0	89.0	89.0		89 1	89.1	89.2 91.8	89.2
≥ 2000 ≥ 1800	59.Z			92.4		92.7	93.D	93.1	93.1	93.1	93.1	93.1	93.3	93.3	93.4	93.4
≥ 1500 ≥ 1200	59.9	92.3				93.9	94.2		94.3	94.3		94.3				
≥ 1000 ≥ 900	60.8 8.03	92.9	94.4			95.5	95.9 96.1				96.0 96.2	96.0 96.2			96.2 96.5	\vdash
≥ 806 ≥ 700	60 • 8 60 • 8	93.0			95.9 96.1	95.9 95.1	96 • 5	96.6	96.3 96.6	96.5		96.7	96.8	96.8	97.0	97.8
≥ 500	61.0	93.5	95.3	96.3	97.0	97.0		97.8	97.8	97.8		98.0	98.1	98.1	98.3	98.3
≥ 400 ≥ 300 ≥ 200	61.0	93.6	95.4	96.7	97.4	97.4	97.9		98.1 98.1	98.1	98.5	98.5	98.6	98.6	98.8	98.8
≥ 100 ≥ 0	61.0 61.0	93.6	95.4		97.4		97.9		98.1 98.2 98.2	98.3		98.6 98.7	99.3	99.3	99.4	

TOTAL NUMBER OF OBSERVATIONS 84

USAF ETAC RICH 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLET

-DAT4- PROCESSING- BRANCH USAF ETAC AIR WFATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

FEB.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING				-			VIS	BILITY (ST	ATUTE MILI	ESı						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1%	≥1%	≥;	≥ 3,,	≥ '•9	≥ %	≥ 5/16	≥.	≥0
NO CEILING ≥ 20000	40.3	59.4 63.3	60 • q	61.2	61.7 65.7	61.9	62.1 66.1	62.3 66.4		52.5 66.6		62.7 66.8	62.8 66.9	62.8 66.9		
≥ 18000 ≥ 16000	42.3 42.5	63.5	64.5	65.5	65.9	66 · 1	66.3 66.5	66 • S	66.6 66.8	66.8		67.0		67.1	67.3	
≥ 14000 ≥ 12000	43.1	64.5 56.3	65.6	66.4	67.C	67.2	67.4	67.6	67.7	67.0	68.1	68.1 70.0	68.1 70.1	58.2 70.1		68.5
≥ 10000 ≥ 9000	46.4	69.9	71.1	71.9	72.5 74.1	72.7	72.9 74.5	73.2 74.7	73.3	73.5	73.7	73.7 75.2	73.8 75.3	73.8 75.3	74.0	74.2
≥ 8000 ≥ 7000	48.1 48.6	73.5		75.7	76.3 77.9	76.5 78.1	76 • 8 78 • 3	77.0 78.6	77.1 78.7	77.3 78.9			77.6 79.2	77.6 79.2		78.0 79.6
≥ 6000 ≥ 5000	49.2 50.2	76.2			79.2	79.4	79.6 81.4		80.G 81.8		80 · 3	80.3 82.2		80.5 82.3		0.9
≥ 4500 ≥ 4000	50.5 51.2	78.5 79.4			81.7 83.2	81.9 83.4	82.2 83.7		82.5 84.1	82.7 84.3		82.9 84.5	83.0 84.6	83.1 84.6	83.3 84.8	83.4 85.0
≥ 3500 ≥ 3000	51.7 52.2	81.0			84:4				85.4 87.1					85.9 87.6		
≥ 2500 ≥ 2000	52.6 53.5	83.7 85.4	85.7 87.5	86 • 8 88 • 9	87.7 89.7	88.0 90.0	85.4 90.4		88.8 90.9		89.2 91.2	89.2 91.2				
≥ 1800 ≥ 1500	53 · 8 54 · 2	85•8 86•7			90.2 91.2	90.5 91.5			91.4 92.5		91.8 92.9	-	-	91.9 93.1	92.2 93.3	92.4 93.5
≥ 1200 ≥ 1000	54.7 55.0	87.5 88.3		91.2 92.0		92.7 93.6					94 • i 95 • 8	94 • 1 95 • 0				1
≥ 900 ≥ 800	55.0 55.1				94.0	94.4		1			95.5 95.9			95.6 96.1		
≥ 700 ≥ 600	55.2 55.3	89.1 89.3				94.9 95.4		95.9 96.5			96.5 97.1			96.7 97.3	_	1 1
≥ 500 ≥ 400	55.4 55.4	89.5 89.7	92.5		95.4 95.6	96.1	96.7	97.2	97.4	97.7	97.9	97.4	98.1		98.4	98.6
≥ 300	55.4 55.4		92.5			96.2	96.9	97.4	97.6		98.3	98.3	98.6		99.0	99.2
≥ 100	55.4 55.4					96.2 96.2		97.5 97.5			98.3 98.3			98 • 8 98 • 8		99.7 100.0

TOTAL NUMBER OF OBSERVATIONS 5767

USAF ETAC ALSA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS PORM ARE OBSOLET

DATA PROCESSING BRANCH USAF ETAC AIR *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12210

MACDILL AFB FL

68-70,73-79

HAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST	ATUTE MIL	ES.						
→FEET:	≥10	≥6	≥5	≥4	≥3	ל25	≥?	≥۱۶۰	≥1'4	ا≾	≥ રેત	≥ 2-0	≥ ?	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.5 48.0					68 • 8 72 • 6	69.0 72.8		69.2 73.0	• •	69.3 73.1	69.4 73.2	69.4 73.2	69.4 73.2		69.5 73.5
≥ 18000 ≥ 16000	48.0 48.2			72.4 72.8		72.6 72.9	72.8 73.1	73.0 73.3			73•1 73•4	73.2 73.5		73.2 73.5		1
≥ 14000 ≥ 12000	48.7 49.7	72.3 74.0		73.7 75.3		73.8 75.5	74 • 1 75 • 7	74.3 75.9	74.3 75.9	74.4 76.0		74.5 75.1	74.5 76.1	74.5 76.1	74.6 76.2	74 • 6 76 • 4
≥ 10000 ≥ 9000	51.0 51.0			77.8 77.8	77.9 77.9	77.9 77.9	78 • 1 78 • 1	78.4 78.4		78.5 78.5	78•5 78•5		78.5 78.6	78.6 78.6	78.7 78.7	
≥ 8000 ≥ 7000	51.7 52.4	78.9	80.1	79.4 80.5	80.6	90.6		81.1	81.2	81.3	81.3		80.2 81.4	80.2 81.4	81.5	80.5
≥ 600C ≥ 5000	53.2 54.7	82.0	83.2	81.8 83.6	83.7				82.5 84.3	82.6 84.4	82.6 84.4	82.7 84.5	82.7 87.5	82.7 84.5	84.6	
≥ 4500 ≥ 4000	55.3 56.2	83.9		84.5 85.5	85.6		85.8	86.0		85.3 86.2	85•3 86•2	86.3		85.4 86.3	85.5 86.4	
≥ 3560 ≥ 3000	57.2 57.3	87.5		87.3 89.1	89.3		87.6 89.6				_		88.3 90.2	88.3 90.2	90.3	
≥ 2500 ≥ 2900	57.5 58.4	89.7	91.0	91.6	91.8	91.8	90•4 92•0		92.5		92.6	92.7	91.1 92.7	91.1 92.7		93.0
≥ 1800 ≥ 1500	58.6 59.0	90.5			92.8	92.8			92.9 93.4	93.0 93.5	93.5	93.5				
≥ 10°	59.2	91.4	92.9	93.8	94.0				94.1 94.6	94.2 94.7	94.7	94.8		94.8		
≥ 900 ≥ 800	59.2 59.2	91.4	93.0	93.9	94.1		94.3	94.5		94.8	94.8	94.9	94.9		95+0	95.3
≥ 700 ≥ 600	59.3 59.3	92.0 92.0	93.6	94.5	94,7		94.9		95.4	95.5 95.5	95.5	95.6	95.6	_	95.7	
≥ 500 ≥ 400	59.3 59.3	92.4	94.4	95.4	95.8	95.8	95.6 96.0	96.3		96.7	96.7			96.2 96.8	96.9	97.1
≥ 300	59.3 59.3	92.4	94.4	95 4	95.8	95.9	96 • 1	96.8	97.2	97.4	97.6	97.7	98.4	97.5 98.4	98.6	98.9
≥ 100 ≥ 0	59.3	92.4 92.4				95.9 95.9				97.4 97.4			98.5 98.5	98.7 98.7		99.6 190.0

TOTAL NUMBER OF OBSERVATIONS.

929

USAF ETAC ALM 0-14-5 (OL A) REPROVE FORMORS OF THIS FORM ARE DESCRIP

-UATA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610

MACDILL AFB FL

68-73,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING				_			VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	215	≥1%	≩ì	<u>≥</u> }₄	≥ '•	≥٧٠	≥5/16	≥'•	≥0
NO CEILING ≥ 20000	38•4 40•0	62.4 65.1	63.3	64.3 67.2	64 • 7 67 • 6	64.9 68.0	65.3 68.4	65 • 5 68 • 6				65.6 68.7		65.5 68.7	65.9 69.0	66.2 69.4
≥ 18000 ≥ 16000	40.0 40.1	65•1 65•3	66.2 66.5	67.2 67.4	67.6 67.8		63.4 68.6	68 • 6 68 • 8		68.7 68.9		68.7 58.9	68.7 68.9		_	69.4
≥ '4000 ≥ 12000	43.4	66•7 69•5	67.8 70.6	68.8 71.6	69•2 72•0	69.6 72.4	- 1	78•2 73•0		70 • 3 73 • 1		70.3 73.1	70.3 73.2			71.9 73.9
≥ 10000 ≥ 9000	43.8	71.0	72.2 72.9		73.5 74.3		74.3 75.1	1			· •	74.5 75.4				75.4 76.1
≥ 8000 ≥ 7000	45.2 45.6	73.1 73.5	74.3 74.7						76.8 77.2	76.8 77.2		76.8 77.2	76.9 77.3	76.9 77.3		77.5 78.0
≥ 6900 ≥ 5000	46.7	75.1 78.5	76.Z 79.7	77.2 80.6	77.6 81.1	78.0 81.4		76.6 82.0		78.7 82.2	78•7 82•2	78.7 82.2	78.8 82.3			79.5 82.9
≥ 4509 ≥ 4000	50.2 50.8	79.8 80.5	81.0 81.7	81.9 82.7		82.7 83.4	83.1 53.9		83.4 84.2	83.4 84.2	83.4 84.2	83.4 84.2		83.5 84.3	63.9 84.6	84.2 84.9
≥ 3500 ≥ 3000	51.0 51.5	81.0 82.3	82•2 83•5	83.1 84.6	83.5 85.1	83.9 85.4	84.3 85.8	84.5 86.0		24.6 86.1	84.6 86.1	84.6 86.1	84.7 86.2			85.4 80.5
≥ 2500 ≥ 2000	519 53.1	83.1 85.1	84.4 86.5	85.6 87.7	86 • C <u>88 • Z</u>			87.0 89.1	87.1 89.2	87.1 89.2	87.1 89.2	87•1 89•2	87 e 2 89 e 4			87•8 90•₽
≥ 1800 ≥ 1500	53.2 53.4	85•3 85•6	86.7 87.1	88.0 88.4	88 • 4 88 • 8		89.1	89 • 4 89 • 8	89.5 89.9	89.5 89.9			89.6 90.0			90.2 90.8
≥ 1200 ≥ 1000	5 3. 5	85.8 86.9	89.6	90.2	89•2 90•9	-	90.0 91.6	90.3 91.9	90•4 92•0	90.4 92.0	90•4 92•0	90.4 92.8	90.5 92.2			91.3 92.9
≥ 900 ≥ 800	53.8 53.9	87.1 87.5	88.8 69.5	90.4 91.1	91.2 91.8		91.9 92.6			92.4 93.0	92.4 93.8				•	93•2 93•9
≥ 700 ≥ 600	54.2 54.3	88 • 1 88 • 5		91.7 92.3		93.3	93.9						94.0 94.5		i :	94.7 95.3
≥ 500 ≥ 400	54.4 54.4	88.6 88.6		92.8 93.0			95.3		96.D			95.4 96.0			90.6	96 • 2 96 • 9
≥ 300 ≥ 200	54.4 54.4	88 • 6 88 • 6	91-1 91-1	93•1 93•1	94.2	94.5	95.7		96.6	96.7			96.8 96.9	97.5	97.7	98 • 1 98 • 4
≥ 100 ≥ 0	54.4 54.4	88.6	91.1 91.1	93.1 93.1	94.3	94.6			96.7 96.7				97.2 97.3			99.4 100.0

TOTAL NUMBER OF OBSERVATIONS 9

TISAS STAC FORM CATALS (OL A) moveme species on the sceni and control

CATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12610

MACDILL AFB FL

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING		VISIBILITY ISTATUTE MILES.														
.FEET	≥10	≥ه	≥5	≥4	≥3	≥2-;	≥2	≥173	≥: •	≥1	≥ %	≥5	≥ %	≥5 16	≥.	≥0
NO CEILING ≥ 20000	27.7 29.4	53.5 56.6	1	59.9 63.4	61.8 65.4		63.2	64 • 2 68 • 0	1	64.5 68.3	64.8 68.6	64.8	64.3 58.6	64.3 68.6	64.8 68.6	64.9 68.7
≥ 18000 ≥ 16000	29.4	56.8	60 · 8	63.7	65.6	66.2	67.1	68.2 68.3	69.3	68.5 68.6	68.8	68.8 68.9	66.8	68 • 8 68 • 9		68.9
≥ 14000 ≥ 12000	29.8	57.6	61.6	64.5	66.5	67.1	68.0	69 • G	69.1 71.3	69.4	69.7	59.7 71.8	69.7 71.8	69,7	69.7	69.8
≥ 10000 ≥ 9000	31.5 31.5	61.1		68.4	70.2	71.8	71.8 72.0	72.9	73.0	73.2	73.5	73.5	73.5	73.5	73.5	73.7
≥ 8000 ≥ 7000	32.3 32.6	63.2	67.5	70.6	72.7		74.3	75.4	75.5 76.0	75.7	76.0 76.6	76.0	75.0	76.0	76.0	76.1
≥ 6000 ≥ 5000	33.1 54.2	64.6 66.3		72.9	74.3	75.2	76.0	77.1		77.4	77.7	77.7	77.7	77.7	77.7	77.8
≥ 4500 ≥ 4000	34 • 7 36 • 2	67.7	72+5	75.6		78.7	79.6	89.6	80.8	81.0 83.2		81.3	91.3	81.3	81.3	
≥ 3500 ≥ 3000	36 • 6 36 • 9	70.8	75.6	78.7	81.0	81.8		83.8	83.9 85.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5
≥ 2500 ≥ 2000	37.0 37.4	72.6	77.4	80.5	83.0		84.7		85.9	86.1	86.5 88.5	86.5	86.5	86.5	86.5	86.6
≥ 1800 ≥ 1500	37.4		79.5	82.7	85.2	86.0	86.9		88.1	88.4	88.7	88.7	88.7		88.7	8.86
≥ 1200 ≥ 1936	37.4		80.2	83.7	86.2	87.1	88.1 88.6	89.1	89.2	89.7	90.0			90.0	90.0	90.1
≥ 900 ≥ 800	37.7	75.9	80.9	84.3	87.0		8.88	89.9		90.5	90.9	90.9	90.9	98.9		
≥ 700 ≥ 600	37,8 37.8	77.3	82.5	86.0	88.7		90.5	91.6	91.8	92.3	92.6	92.6	92.6	92.6	92.6	92.7
≥ 500 ≥ 400	38.1 38.1	77.6	83.1	87.0	90.2		92.5	93.5	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.6 96.0
≥ 300 ≥ 200	38.1 38.1	77.6 77.5	83.4	87.6	91.0	91.9	94.0		95.7	96.5		97.0	97.3	97.4		97.6
≥ 100 ≥ 0	38.1 38.1			87.6	91.1	92.0	94.1	95.4		96.7	97.6	97.6	98.6	98.8	99.4	99.9

TOTAL NUMBER OF DESERVATIONS

930

USAF ETAC- FRAM 0-14-5 (OL A) PREMIOUS COTTONS OF THIS FORM ARE COROLL

-DATA-PROCESSING-BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

66-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-1100

CEILING		VISIBILITY (STATUTE MIGES)														
·FEET:	≥10	≥0	≥5	≥4	≥3	227	≥2	215	≥15	≥1	ک کو	≥ >₀	≥ 3	≥5 16	≥•	≥0
NO CEILING ≥ 20000	38.0 39.6	62.U 67.1	1	65.1 70.2	65.8 71.0		66.0 71.2		- 1	66.0 71.2				66.0 71.2	56.0 71.2	
≥ 18000 ≥ 16000	39.7 39.8	67.5		70.4 70.6	71.2		71.4 71.6		71.4 71.6	71.4			71.4			71.4 71.6
≥ 14000 ≥ 12000	40.0 41.3	68•3 70•6	70.5 72.9	71.4 73.8	72.2 74.5		72.4 74.7		72.4 74.7	72.4 74.7		72.4 74.7	72.9 74.7			
≥ 10000 ≥ 9000	42.7	72.6 72.8	1	75.8 76.0	76.6 76.8		76.8 77.0	76.8 77.0	76.E	76.8 77.0		76.8 77.0			76.8 77.0	76.8 77.0
≥ 8000 ≥ 7000	43.3 43.5	74.7 74.9		78.2 78.5			79.1 79.6			79.1 79.6	79.1 79.6	79.1 79.6	79.1 79.6	79.1 79.6		79.1 79.6
≥ 6000 ≥ 5000	43.8 44.0	76.0 76.8		79 · 8 80 · 5	80.5 81.3	1	80.8 81.5			80.8 81.5		80.8 81.5			80.8 81.5	
≥ 4500 ≥ 4000	44.1 45.1	77.2 78.5		81.0 82.5	81.7 83.4	81./ 83.4	81.9 33.7			81.9 83.7		81.9 83.7	81.9 83.7			
≥ 3500 ≥ 3000	45.8 46.2	80.1 81.2		84.3 85.8	85•3 86•8	86.8	85.5 87.0		27.C	85.5 87.0		85.5 87.0		85.5 87.0		85.5 87.0
≥ 2500 ≥ 2000	46.3		85.5 87.4		98•2 90•1	90.1		90.4	90.4	90.4	90.4	98.4	90.4	90.4		90.4
≥ 1800 ≥ 1500	46.9	84.4 85.7	89.1		90.4			92.4	92.4	92.4	92.4	92.4	92.4	92.4	90.8 92.4	92.4
≥ 1200 ≥ 1000	47.3 47.4	86.6	90.6	92.0 93.0		93.1 94.1	93.3	94.6	94.6	94.7		94.7		94.7		94.7
≥ 900 ≥ 800	47.4	88.0	91.5	93.9	94.5	94.9				95.3 95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700 ≥ 600	47.5	88.4		94.6 95.2		96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.5	97.6	
≥ 500 ≥ 400	47.7	89.0 89.0	93.1	96.1 96.1		98.1	98.5	98.8	98.9	98.5 99.1	99.1	99.1	98.9 99.2	99.2	99.2	99.2
≥ 300	47.7	89.0	93-1	96.1	97.7			99.0	99.1	99.4 99.4	99.6	99.6		99.7	99.8	99.6 99.9
≥ 100	47.7 47.7	89.0 89.0	1 7	96 <u>•</u> 1					- 8	99.4		99.6 99.6				0.00 0.00

OTAL NUMBER OF OBSERVATIONS

TISAS STAC 0-14-5 (O) A) moving former of this form and concert

A PROCESSING BRANCH
F ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING																
(FEFT)	≥10	≥6	≥5	≥4	≥3	≥2	≥2	≥11/2	≥1%	≥1	≥ ¾	≥ ¾	≥ 'ક	≥ 5/16	≥'₄	, , , ,
NO CEILING ≥ 20000	47.5 51.7	70.0 77.2	70.3 77.5	70.4 77.6	70 • 4 77 • 6	70 - 3 77 • 6	70•4 77•6		70 • 4 77 • 6			70.4 77.6	70.4 77.6	70.4 77.6	70.4 77.6	70.4
≥ 18000 ≥ 16000	51.8 51.8	77.4 77.4	77.7 77.7	77.8 77.8	77.8	77,8	77.8 77.8	77.8 77.8	77.8 77.8		, ,	77 • 8 77 • 8		77.8 77.8	77.8 77.8	77.8 77.8
≥ 14000 ≥ 12000	52.3 53.8	78.7 80.8	79.0 81.1	79.1 81.2	79.1 81.2	79.1	79 • 1 81 • 2	79.1 31.2	79.1 81.2	79.1 81.2	79.1 81.2	79.1 81.2	79 • 1 81 • 2	79.1 '81.2	79.1 81.2	
≥ 10000 ≥ 9000	56.0 56.0	84.3	84.5 84.6	1	84.4 84.7	84 • 4 84 • 7	84.4 84.7	84.4 84.7	84.4 84.7	84.4 84.7	1	84.4 84.7	84.7	84.4 84.7	84.4 84.7	84.4 84.7
≥ 8000 ≥ 7000	56.9 57.1	85.8 86.2		86.2 86.7	86•2 86•7	86 • 2 95 • 7	86.2	86.2 86.7	86.2 86.7	86.2 86.7		86.2 86.7	86 • 2 86 • 7	86 • 2 36 • 7	86.2 86.7	86 • 2 86 • 7
≥ 6000 ≥ 5000	57.3 58.4	86.7 88.3	87.0 88.6	87.1 88.7	87.1 86.9	87.1 88.9	87 • 1 88 • 9	87.1 88.9	87.1 88.)	87.1 88.9	87 • 1 88 • 9	87.1 88.9		87•1 88•9	87.1 58.9	87•1 88•9
≥ 4500 ≥ 4000	59.1 59.9	89 • 1 90 • 0		90.8		90.0 71.1	90.0	90.0 91.1	90.0 91.1	90.0 91.1	90.0 91.1	90.0 91.1	90.0	90.0 91.1	90.0 91.1	90.0 91.1
≥ 3500 ≥ 3000	60.3 60.5	90.8 91.6	92.3	91.5 92.4	92.6	91.8 92.7	91.8 92.7	91.8 92.7	91.8 92.7			91.8 92.7	91.8 92.7	91.8 92.7		91.6 92.7
≥ ∠500 ≥ 2000	61.2	92.6	95.1	93.4	,	93.8 96.1	93.8 96.1	93.8 96.1	93.8 96.1	96.1	96.1		93.8 96.1	93.8 96.1	93.8 96.1	93.8 96.1
≥ 1800 ≥ 1500	61.8	94 . 1		96.2			96.5 97.0		96.5 97.0	97.0	97.0	96.5 97.8	96.5 97.0	96.5 97.0		96.5 97.0
≥ 1200 ≥ 1000	62.0	95.9 96.1	96.9	97.4 97.8		98.3 98.7	98.3 98.7	98 • 3 98 • 7	98 • 3 98 • 7		98.7		98.3 98.7		98.3 98.7	1
≥ 900 ≥ 800	62.0	96.2 96.2	97.5	98 à 1	98 • 8 98 • 8				98.9 98.9	98.9	98.9	98.9		98.9 98.9	98.9 98.9	98.9 98.9
≥ 700 ≥ 600	62.0	96 • 5 96 • 5			99.1		99.4	99.5		99.5	99.5	99.5		99.4		99.5
≥ 500 > 400	62.0	96.6 96.6	98.0	98.3 98.5	99.6	99.9		100.0	100.0	100.0	100.0	100-0	170.0		100.0	100.0
≥ 300 ≥ 200	62.0 62.0	96.6	98.0	98.5 98.5		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ J	62.4	5006 606													~	100.0

TOTAL NUMBER OF OBSERVATIONS

931

TISAE ETAC FORM 0-14-5 (Of A) services formous on this scenu are consult

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CEILING VERSUS VISIBILITY

12816 MACDILL AFB FL

68-70,75-79

HAH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥14	≥1	≥ ¼	≥ 'a	≥ %	≥ 5-16	≥'•	≥0
NO CEILING ≥ 20000	49.5 54.7		68.4 76.3		I I	68•5 76•5	68.5 76.5		68.5 76.5		68.5 76.5	68.5 76.5		68.5 76.5	68.5 76.5	
≥ 18000 ≥ 16000	54.7 54.7		76.3 76.3	76.5 76.5	1	76.5 76.5	76.5 76.5	76.5 76.5	76.5 76.5		76.5 76.5	76.5 76.5		76.5 76.5		76.5 70.5
≥ 14000 ≥ 12000	55.7 56.6	78.6	77.5 78.7	78.8	78.8	77.6 78.8	78.8	78.8	77.6 78.8		78.8	77.6 78.8	1		78.8	78.8
≥ 9000 ≥ 9000	58.3 59.0		81.4 82.3	82.4	82.4	81.5 82.4	81.5 82.4	82.4	81.5 82.4	82.4	82.4		82.4	82.4	82.4	82.4
≥ 3000 ≥ 7000	59.9 60.4	85.5	84.5	85.7	85.7	84.6	84 • 6 85 • 7	84.6 85.7	84.6 	85.7	85.7	84.6 85.7	85.7	84.6 85.7	85.7	85.7
≥ 6000 ≥ 5000	51.1 61.7	88.1	86.8	88.4	88.4	86.9 88.4	86.9 88.4		87.9 88.4	88.4	88.4	86.9 88.4		86.9	86.9 88.4	88.4
≥ 4500 ≥ 4000	61.9 62.9	89.8	98.7		90.3	88.9 90.3	88.9 90.4		89.0 90.5	90.5	90.5	89.0 90.5	90	89.0 90.5	90.5	90.5
≥ 3500 ≥ 3000 ≥ 2500	64.1	91.9	91.1 92.2 94.0	91.5	92.9	91.6 93.0	91.7 93.1	91.7	91.8 93.2	93.2	93.2	91.8 93.2	93.2	91.8	91.8 93.2	93.2
≥ 2500 ≥ 2000 ≥ 1800	64 - 5	95.1	95.6 95.8	96.5	96.6	95.1 96.8 97.0		95.2 96.9 97.1	95.3 97.0 97.2	97.0	97.0	95.3 97.0 97.2	95.3 97.8 97.2			97.0
≥ 1500 ≥ 1700	64.9	95.5 96.0	96.1 96.7	97.2	97.4					98.0	98.0	98.0		98.0		98.0
≥ 1000	64.8	96.3	97.E	98.2	98.4			98.8 98.9		98.9	98.9	98.9	99.0		l .	99.1
≥ 800	64 . 8	96.5		98.5	98.5	98.7	98.9 98.9	99.0	99.1	99.1		99.1	99.2	99.2	99.4	99.4
≥ 600	64 . 8	96:5			98.7	98.9	99.1	99.2	99.4	99.7	59.7	99.7	99.8	99.8	99.5	99.9
≥ 400	64.8	1 : * * * * * * * * * * * * * * * * * *		1	98.8	09.0	99.2	99.4		99.8	99.8		99.9	99.9	100.0	100.0
≥ 100	54 . E	96 5	97:1	98.3	98.8	99.0	99.2	99.4	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 0	64.8		1	1				99.4			99.8)		1		100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC 101.64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORW ARE DESCRE

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

68-70,73-79

WOMIN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	5 ,0	≥6	≥5	≥4	≥3	≥2'5	≥ 2	≥1%	≥1%	≥1	≥ ¾	≥ >/4	% ⁽²	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	47.7 52.0		69.2 76.6	69.4 76.7	69•4 76•7	69 • 4 76 • 7	69.4 76.7		59.4 76.7		69.4 76.7	69.4 75.7	69.4 76.7	69.4 76.7	69.4 76.7	69 • 4 75 • 7
≥ 18000 ≥ 16000	52.3 52.4		76.9 77.3	77.6 77.4	77.0 77.4	77.0 77.4	77.9 77.4		77.0 77.4			77.0 77.4				77.0 77.4
≥ 14000 ≥ 12000	53.1 53.3	1 * * * 1	78.1 78.4	78•2 78•5	78 • 2 78 • 5	78•2 78•5	78.2 78.5		78.2 78.5	78.2 78.5	78•2 78•5	78.2 78.5		78.2 78.5	78•2 78•5	
≥ 10000 ≥ 9000	54.7 54.9	80.5 80.8	81.2 81.4	21.3 21.5	1	81.3 81.5	81.3 81.5	81.5	81.3 81.5			81.3 81.5		81.3 81.5	81.3 81.5	
≥ 8000 ≥ 7000	55.5 56.0		82.5 83.7	63.8		82.8 84.D	84.0	84.0	82.8 84.0	84.0	84.0	84.0	84.0		82.8 84.0	84.0
≥ 5000 ≥ 5000	56 • 8 57 • 6	85.€	85.1 86.5			85.4 85.8	85.4 86.8		85.4 86.8	86.8			86.8	85.4 86.8	85.4 86.8	86.8
≥ 4500 ≥ 4000	58.2 59.4	87.5	88.5	88.6	88.8	87.5 88.8	87.5 88.8	88.8	87.5 88.8	88.8	88.8	87.5 88.8	88.8	87.5 88.8	87.5 88.8	88.8
≥ 3500 ≥ 3000	59.7 60.3	90.1	91.3	91.4		91.6		96	89.9 91.6	91.6	91.6	89.9 91.6	91.7	89.9 91.7	89.9 91.7	
≥ 2500 ≥ 2000	60 • 6 50 • 9	92.4	93.8	94.2	94,7	94.9	95.2	95.2	95.2	95.3	95.3			93.8 95.4	93.8	95.4
≥ 1800 ≥ 1500	61.0	93.3	94.9		95.9	95.3 96.1	95.5	96.3		96.5	96.5	95.6 96.5	96.6		95.7	96.6
≥ 1200	61.5	94.2	95.8	96.2		96.3	97.2	97.2		97.4		96.7	97.5	96.8 97.5	96.8	
≥ 900	61.5	94.5	96.2	96.5 96.7	97.0 97.5	97.2 97.5	97.8			98.1	98.1	97.6 98.1	98.2			98.2
≥ 700	61.5	94.7		97.0		98.1	98.1			93.7	98.7	98.3 98.7	98.4		98.8	98.8
≥ 500 ≥ 400	61.5	94.7	96.5	97.0	98.D 98.D	98.3 98.3				99.2	99.2	99.2	99.4		99.4	99.4
≥ 300	61.5	94.8	96.6	97.1	98 • 1 98 • 1	98.4 98.4 99.5	99.1	99.1	99.1	99.5	99.5		99.6			99.6
≥ 00 ≥ 0	61.5	1		200							99.6		•	1	1	100.0

TOTAL NUMBER OF OBSERVATIONS__

930

USAF ETAC FORM 1-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12510

MACDILL AFB FL

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)				··		
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1⅓	≥14	≥ 1	≥ ¾	≥ 3/8	≥ 1/2	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	49.1 51.7	72.7 76.5	73.5 76.8		73.2 77.0	73.2 77.0	73.2 77.0	73.2 77.8	73.2 77.0		73.2 77.0	73.2 77.1	73.2 77.2	73.4 77.4	73.4 77.4	
≥ .8000 ≥ 16000	51.7 51.7	76.6 76.6	76.9 76.9	77.1 77.1	77.1 77.1	77.1 77.1	77 • 1 77 • 1	77.1 77.1	77.1 77.1	77.1	77.1 77.1	77.2 77.2	77.3	77.5 77.5	77.5 77.5	
≥ 14000 ≥ 12000	52.4 53.1	77.5 78.5	77.8 78.8	78.1 79.0	78 • 1 79 • 0	78.1 79.0	78 • 1 79 • 0	78.1 79.0	78.1 79.0	78.1 /9.0	78.1 79.9	78.2 79.1	78.3 79.2	78.5 79.5	78.5 79.5	
≥ 10000 ≥ 9060	53.7 34.0	79.2 79.8	79.6 80.1	79.8 80.3	79.8 80.3	79.8 80.3	,	79.8 80.3	79.8 80.3	1		79.9 80.4	83.0 80.5	80.2 80.8	80.2 80.8	
≥ 8000 ≥ 7000	54.5 54.9	81.3 82.4	81.6 82.7	81.8 82.9		81.8 82.9		81.8 82.9	81.8			81.9 83.1	82.0 83.2	82.3 83.4	82.3 83.4	
≥ 6000 ≥ 5000	55.9 57.5		84.1 86.0	84.3 86.2	84.3 86.3	84.3 86.3	34 • 3 86 • 3	84.3 86.3	84.3 86.3	84.3 86.3		84.5 86.6		84.8 86.9	84 • 8 86 • 9	84.8
≥ 4500 ≥ 4000	57.7 58.7	86.0 87.2				86.7 87.8	86.7 87.8	86.7 87.8	86.7 87.8			86.9 88.1			87.2 88.4	
≥ 3500 ≥ 3000	59.8 60.2	89.9				89.4 90.6	89.4 90.6	1			89.5 90.8	89.6 90.9		85.9 91.2	89.9 91.2	
≥ 2500 ≥ 2000	60 • 5 61 • 1	92.2		93.2		92.0		95.3		93.3		92•3 93•5		92.6 93.9	92.6 93.9	
≥ 1800 ≥ 1500	61.1 61.5		93.1 93.9	94.3			94.5	94.5	94,5						94.2 95.1	
≥ 1200 ≥ 1000	61.8	93.9	94.8	95.6		95•2 95•9	95.9	95.9	95.9	95.9	96.0	95.4 96.1	96.2	95.7 96.5	95.7 96.5	
≥ 900 ≥ 800	61.8 61.8	94.2			96.5	95.9 96.5			96.5	95.5	96.4	96.7	96.2 96.8			[
≥ 700 ≥ 600	61.8	94.7	95.9	96.8	97.1	96.9 97.1	97.1	96.9 97.1	97.1	97.1	57.2	97.3				97.4 97.6
≥ 500 ≥ 400	61.8	94.8		96.9			97.4	97.4	97.4	97.4		97.4 97.6	97.7		97.7 98.0	98.0
≥ 300	61.8				97.6		97.8 97.8	98.0		98.0	98.2	98•2 98•3	98.5	98.5 98.8	99.0	99.0
≥ 100 ≥ 0	61.8		7		97.6 97.6	97.7 97.7			98 • G		98•4 98•4	98.5 98.5		99.1 99.1	99.6 99.6	99.7 100.0

TOTAL NUMBER OF OBSERVATIONS____

93

USAF ETAC NI 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL POURS (LST

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1½	≥1%	≥1	≥ ¼	≥ >⁄4	≥ '2	≥5-16	λί	≥0
NO CEILING ≥ 20000	42.9 45.9				67.8 73.0				68.3 73.6		68.4 73.7	68.4 73.7	68 • 4 73 • 7	68.5 73.7		
≥ 18000 ≥ 16000	45.9 46.0	70.8		72.8 72.9	73•2 73•3	73•3 73•5		73.7 73.9	73.7 73.9	73.8 73.9		73.8 74.0		73.9 74.0		
≥ 14000 ≥ 12000	46.7	72.0 73.7		73.9 75.6	74 • 3 76 • 8	74.5 76.1	74.7 76.4	74.9 76.5	74.9 76.6	74.9 76.6	75.0 76.7	75.U 76.7		75.0 76.7		75 • 2 76 • 9
≥ 10000 ≥ 9000	49.0 49.2	75.7 76.1	7.7 • 4	77.7 78.1	78.2 78.5		78.5 78.9	79.1	78.7 79.1	78.8 79.2	78.8 79.2	78.8 79.2		78.9 79.3	79.3	
≥ 8000 ≥ 7000	49.9 50.3	77.8 78.5	79.8		81.1	81.2	80.6 81.4		80.9 81.7	80.9 81.7	81.7	81.8	81.8	81.8	81.9	
≥ 6000 ≥ 5000	51.0 52.2	79.6 81.4		83.6	84.1	82.4 84.3	82.6 84.5	82.8 84.7	82.8 84.7	82.9 84.8		84.8	84.9	83.D 84.9	84.9	83•2 85•0
≥ 4500 ≥ 4000	52.7 53.6	82.2 83.4				85 • 1 86 • 4	85 • 3 86 • 7	86.9	85.6 86.9	85.6 86.9	87.0	87.0	87.1	85.7 87.1	85.8 87.1	
≥ 3500 ≥ 3000	54.2 54.6	85.8	87.4		88.9				89.5			89.7	89.7	88.3 89.7	89.3 89.8	89.9
≥ 2500 ≥ 2000	54.9 55.4		90.2	91.3	92.D							92.8	92.9	92.9		93.1
≥ 1800 ≥ 1500	55.5 55.8	89.2	91.1	92.2	93.0		92•7 93•5		93.0 93.7	93.1 93.8		93.9	93.9	94.0	94.0	94.1
≥ 1200 ≥ 1000	55.9 56.0	89.7 90.2	92.2			93.9 94.6		95.2	94.5 95.2	94.5 95.3	95.4	95.4	95.5	95.5		94.9 95.7
≥ 900 ≥ 800	56.0 56.1	90 • 6	92.7	94.1	94.9	95.2		95.4 95.7	95.5 95.8	95.6 95.9			96.0		95.8 96.2	96.2
≥ 700 ≥ 600	56.2		93.3		95.8			96.7	96.% 96.8		97.0		97.1			
≥ 500 ≥ 400	56.2	91.3	93.7		96.5	96.8	97.4	97.3	97.4 97.8		98.0	98 • 1	98.1	97.7	97.8	98.3
≥ 300 ≥ 200	56.2 56.2	91.3	93.7 93.7	95.4 95.4	96.6	96.9	97.6				98.5	98.6	98.9			
≥ 100 ≥ 0	56.2 56.2		93.7 93.7			97.0 97.0			98.2 98.2	1	-		99.1 99.1	99•2 99•2		99.8 100.0

TOTAL NUMBER OF OBSERVATIONS

7439

USAF ETAC 100 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE DESOURTE

-BATA-PROCESSING-BRANCH USAF ETAC Alr Weather Service/Mac

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2יֹז	≥2	21%	≥1%	≥1	≥ ¾	≥%	≥ '3	≥ 5/16	3.0	≥0
NO CEILING ≥ 20000	48.4	81.4 84.7		82.7 85.9	82.8 86.0	82.9 86.1	83.1	83.1 86.3	83.1 86.3	83.1 86.3	83.1 86.3	83.1 86.3	83.1 86.3	83•1 86•3	83.1 86.3	83.1
≥ 18000 ≥ 16000	49.8 50.1	85 • B		86.2 86.6		86.4 86.8	86.7 87.0		86.7 87.0	86.7 87.0	86 • 7 87 • 0	86•7 87•0	86.7 87.0		86.7 87.0	85.7 87.0
≥ 14000 ≥ 12000	50.4 51.0	86.2	86.7	86.9 87.4	87.7	87.2 87.8	\$7.4 88.0	88.0	87.4 88.0	87.4 88.0		87.4 88.0			87•4 88•0	87.4 88.0
≥ 10000 ≥ 9000	51.6 52.1	87.3 88.0			89.4					89.1 89.8				89.8	89.1 89.8	
≥ 8000 ≥ 7000	52.4 52.4	88•6 89•0								90.6 91.0	91.0					
≥ 6000 ≥ 5000	53.6 54.0	90.4 91.4				92.2 93.2								92.4	92.4 93.4	
≥ 4500 ≥ 4000	54.4 55.3	92.2 93.4	94.6	93.7		94.0 95.2	94.2 95.4	95.4	94.2 95.4		_/ 7	94.2 95.4	94.2 95.4	94 • 2 95 • 4	94.2 95.4	94.2
≥ 3500 ≥ 3000 ≥ 2500	55.4 56.0 56.1	93.8 94.4 94.6		95.9 95.9		95.6 96.2	95 • 8 96 • 4	96.4		95.8 96.4	96.4	96.4		95•8 96•4		95 • 8 96 • 4
≥ 2000 ≥ 1800	56 • 1 56 • 1	94.9	96.0	96.0 96.3	96.6 96.6		96.9 96.9	96.9			96.9	96.9	96.9	96.6 96.9 96.9		96.6 96.9
≥ 1500 ≥ 1200	56.3 56.9	95.1 95.9	96.2		96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1		97.1	97.1	96.9 97.1 97.9
≥ 1000	57.3	96.6	97.8	98.1	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98,9	98.9	98.9
≥ 800 ≥ 700	57.7 57.7	97.4		98.8	99.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7 99.9	99.7	99.7	99.7
≥ 600	57.7 57.7	97.6	98.8	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	190.0	100.0	100.0
≥ 400 ≥ 300	57.7 57.7	97.6	98.6	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	200.0	100.0	100.0	100.0
≥ 200	57.7	97.6			99.7	99.8	100.0	100.0	100.0	100.0	100.G	100.0	100.0	100.0	100.0	100.0 100.0
≥ 0	57.7	97.6			99.7	, ,					1		1)	1	100.0

TOTAL NUMBER OF OBSERVATIONS . 900

USAF ETAC REAL 0-14-5 (OL. A) PREVIOUS FORMORS OF THIS FORM ARE DISCUL

CEILING VERSUS VISIBILITY

MACDILL AFB FL PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)					•	
(FEET	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥172	≥1′4	≥1	≥ ¾	≥ %	≥ '5	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	43.7 45.3	73.7 77.4	75.6 79.3	1		1	77.3 81.2	77.6 81.4	77.6 81.4	77.5 81.4	77.8 81.7	77.8 81.7	77.9 31.8	77.9 81.8	77.9 £1.8	77.9 81.8
≥ 18000 ≥ 16000	45.3	77.4	79.3	80.1 80.1	80.8		81.2 81.2	81.4 81.4	81.4 81.4	81.4 81.4	81.7 81.7	81.7 81.7	81.8	81.8 81.8	81.8	81.8
≥ 14000 ≥ 12000	45.6	78.4			81.9	81.2 82.0		82.6		81.8 82.6		82.0 82.8	82.1 82.9	82.1 82.9	82.1 82.9	
≥ 10000 ≥ 9000	46.6	79.2 79.8		82.0 82.6	83.3		83.2 83.8	84.0		83.4 84.0	83.7 84.2	83.7 84.2	83.8 84.3	83.8	83.8	83.8
≥ 8000 ≥ 7000	47.4	81.8	83.9	84.7	85.4			86.1	85.0 86.1	85.0 85.1	85.2 86.3		85.3 86.4		85.3 86.4	
≥ 6000 ≥ 5000 ≥ 4500	48.3 48.8 49.0	83.0 84.0 84.9	85.1 86.1	85.9 86.9		86.8		88.3		57.3 88.3	87.6	87.6 88.6	87.7	87.7 88.7	87.7 88.7	87.7
≥ 4000 ≥ 3500	49.6	85.8	87.9	87.8 88.7 90.1	89.4	88.7 89.6 91.0	89.0 89.9 91.3	90.1	90.1	89.2 90.1 91.6	89.4 90.3	90.3 91.8	89.6 90.4 91.9	89.6 90.4 91.9	89.6 90.4 91.9	89.6 90.4 91.9
≥ 3000 ≥ 2500	50 · 1		90.1	91.0		1		92.4	92.4		92.7			92.8	92.8	
≥ 2000	51 · 1	88.9	91.2	92.1	93.D	93.1	93.7	93.9	93.9		94.1	94.1	94.2	94.2		94.2
≥ 1500 ≥ 1200	51.6 52.1	89.7 90.6	92.9	92.9		93.9	94.4					95.0 95.9	95.1 95.0		95.1 96.0	95.1 96.0
≥ 1000	52.4				_		96.3 97.2			96.7 97.6	-	96.9 97.8	97.0 97.9			
≥ 700	52.7 52.8		95.4	96 • D	97.2	97.3	97.9	98.1	98.1		98.4	98.4	98.6	98.6	98.6	98.7
≥ 600 ≥ 500 ≥ 400	52.8 52.8	93+2		96.8	97.7	97.8	98.3	98.6	98.6	98.7	98.9	98.9	98.9	98.9	99.0	99.1
≥ 300 ≥ 200	52.8 52.8 52.8	93.2	95.9	96.8	97.9	98.0	98.6	98.6 98.8 98.9	98.8	-	99.2	99.2	99.1 99.3 99.7	99.1 99.3 99.7		99.2 99.4 99.9
≥ 100 ≥ 0	52.8 52.8	93.2	95.9		98.0	98 • 1	98.7	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.8	99.9 100.0

68-70,73-79

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 1014 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISCUSTE

--DA-TA-PROCESSIng-Branch USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

A P Q

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ចច្ចប្តីដូច្ចប្រក

CEILING							VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	21%	≥1′4	≥1	≥ 3,	≥ '⁄a	≥ '5	≥5.16	۶. ۶	≥0
NO CEILING ≥ 20000	26 • 3 28 • 1	63.ŭ 67.Z	66.8 71.2	1	72.3 77.1	73.0 77.9	73.3 78.2		73.8 78.7	73.9 78.8		74.1 79.0	74.1 79.0		74.2 79.1	74.2 79.1
≥ 18000 ≥ 16000	26.3 28.4	67.6 67.7	71.7	75.2	77.6	78.3 78.4	78.7 78.8	79.1 79.2	79.1 79.2	79.2 79.3		79.4 79.6	79.4 79.6	79.6 75.7	79.6 79.7	79.6 79.7
≥ 14000 ≥ 12000	28.8 28.9	68.1 69.8	72.2 73.9	75.7 77.6	78.1 80.1	78.9 80.9	79.2 81.2	79.7 81.7	79.7 61.7	79.8 81.8			80.0 82.0		80 • 1 82 • 1	80.1 32.1
≥ 10000 ≥ 9000	29.6 29.7	78.8 71.1	75.3 75.3	78.7 79.0	81.2 81.6		82.3 82.7	82.8 83.1	82.8 83.1	82.9 83.2	83.1 83.4	83.1 83.4	83.1 83.4	83.2 83.6	63.2 83.6	83.2 83.6
≥ 8000 ≥ 7000	29.8 29.9	72.3 73.6	76.7 78.0	80.3 81.7	82.9 84.2	83.8 85.1	84 • 2 85 • £	84.7 86.0		84.8 86.1	85.0 86.3	85 • 0 86 • 3	85.0 86.3	85•1 86•4	85.1 86.4	85.1 86.4
≥ 6000 ≥ 5000	30 • 4 30 • 8	74.8	78.8 79.2		85.0 85.4	85.9 86.3	86 • 3 86 • 8	86•8 87•2		86.9 87.3	87.1 87.6	87.1 87.6	87.1 87.6	87.2 87.7	87.2 87.7	
≥ 4500 ≥ 4000	30.8 31.2	75.6 76.3	80.0	83.7	86.2 87.1	87.1 88.0			88.9	89.0		88•3 89•2	88.3 89.2	89.3	88.4 89.3	
≥ 3500 ≥ 3000	31.3	77.6	81.8	85.6 85.0	38.2 88.7	89.1	89.6 90.1	90.0 90.6	90.6	90.7	90.3 90.9			91.0		91.0
≥ 2500 ≥ 2000	31.6 32.0	78.3	83.0 84.1	86.8 88.0	89.6 91.0	90.4			91.4 92.9		93.2	93.2	93.2	93.3	93.3	93.3
≥ 1800 ≥ 1500	32.1 32.3	79.6	84.3 85.1	88•2 89•0		92.9					94.2	94.2		94.3	94.3	94.3
≥ 1200 ≥ 1000	32.6 32.7	80.7	85.4 86.2	89.3 90.2		93.3				95.3			94.7 95.6	95.7	95.7	94.8
≥ 900 ≥ 800	33.0 33.2	81.9	86.8		94.0 95.0	94.9				97.0	97.2	97.2	97.2	97.3	97.3	97.3
≥ 700 ≥ 600	33.4	82.8 83.1	88.2	92.6		96.2 96.6			97.6		97.9	97.9	97.9	98.0	98.0	97.7 98.0
≥ 500 ≥ 400	33.4	83.1 83.1	88.3		95.9 96.3				98.3	98.4	98.7	98.7	98.7	98.8	98.8	99.0
≥ 300 ≥ 200	33.4 33.4		88.4			97.6	98.1	98 • 4 98 • 7	98.9	99.0	99.4					99.8
≥ 100 ≥ 0	33.4	83.2 83.2	88.4 88.4	93.1 93.1	96.6 96.6	97.6 97.6		98•7 98•7					99.4 99.4	99.6 99.6		100.0

TOTAL NUMBER OF OBSERVATIONS 99

USAF ETAC AT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

12810

HACDILL AFB FL

68-70,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (ST	ATUTE MILI	ESI						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥2 2	≥ 2	≥172	≥114	≥1	≥ '•	≥ 2-3	≥ ∻	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	42.1 43.7	74.8 79.1	75.9 80.6	76.7 81.3	77.1 81.9	77•3 82•1	77.3 82.1	77.3 82.1	77.3 32.1	77.3 82.1	77.3 82.1	77.3 82.1	77.4 82.2		77.4 82.2	77.4 82.2
≥ 18000 ≥ 16000	43.7 43.7	79.3 79.4		81.6 81.7	82.1 82.2	82.3 82.4	32.3 82.4	82.3 82.4	82.3 82.4	82 • 3 82 • 4	82.3 82.4	82•3 82•4	82.4 82.6	82.4 82.6		
≥ 14000 ≥ 12000	44.2 45.6	82.8	84.2	82.4 85.1	85.8	86.0	83.2 86.1	83.2 86.1	83.2 86.1	83.2 86.1	83.2 86.1	83.2 86.1	83.3 86.2	86.2	83.3 86.2	86.2
≥ 10000 ≥ 9000	45.8 46.0	84.7		87.0 87.2		87.9 88.1	88.0 88.2	88.0 88.2	88.0 88.2	88.0 88.2	88.0 88.2	88.0 88.2	68.3		36.1 88.3	58.1 88.3
≥ 8000 ≥ 7000	46.0 46.1	85.7	86.9 87.2			38.8 39.1	88.9 59.2	88.9	\$8.9 89.2	88.9 89.2	88.9 89.2	88.9 89.2	89.3	89.3	89.0 89.3	
≥ 6000 ≥ 5000 ≥ 4500	46.8	86.2 87.1	87.8 88.8	88.8	90.4		89.8 90.8			89.8 90.8	89.8 90.8				89.9 90.9	
≥ 4500 ≥ 4000 ≥ 3500	46.9 47.2	87.7 88.6		90.3 91.3	91.0 92.3	91.2 92.2 92.9	91.3 92.3 93.0	91.3 92.3	91.3 92.3 93.0	91.3 92.3 93.0	91.3 92.3 93.0			91.4 92.4 93.1	91.4 92.4 93.1	
≥ 3000 ≥ 2500	47.9	89.9		92.7	93.3	73.6 94.8	93.7	93.7	93.7	93.7	93.7	93.7		93.8	93.8 95.0	1
≥ 2000 ≥ 1800	49.1 49.1	92.1	93.8 94.0	95.1	95.8 96.0	96.0		96.1 96.3	96.1 96.3	96 • 1 96 • 3	96.1 96.3	96.1 96.3	96.2		96.2	
≥ 1500 ≥ 1200	49.4	93.0	-	96.0 97.3	96.7	96.9 98.2	97.0				97.0 98.4	97 0 98•4	97.1	97.1	97.1 98.6	97.1
≥ 1000	49.6			97.9		98 • 8	98.9		98.9 98.9	99.0 99.0	99.0 99.0			99.1 99.1	99.1 99.1	99.1 99.1
≥ 800	49.6	94.8	96.8	98.1	98+8	99.0	98.9	98.9 99.1	98.9 99.1	99.0 99.2	99.0 99.2	99.2	99.3	1		99.3
≥ 600 ≥ 500 ≥ 400	49.7	94.8	96.8	98.2	99.0	99.2	99.3		99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	49.7 49.7 49.7	94.8 94.8	96.8	98.2	99.1	99.3 99.3	99.6 99.6		99.7 99.7 99.7	99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	49.7	94.8	96.8	98.2	99.1	99.3	99.0	99.7	99.7	99.9	99.9	99.9	100.0	100.0 100.0	130.0	199.0

TOTAL NUMBER OF OBSERVATIONS.

900

USAF ETAC ALLA 0-14-5 (OL A) MEVICUS EDITIONS OF THIS FORM ARE ORGOLETE

CEILING VERSUS VISIBILITY

12610

MACDILL AFB FL

68-70,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			_				ViS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'>	≥ 2	לוו≤	≥1'¢	≥1	≥اب	ود≤	≥ ∿;	≥5 16	≥ ∵•	≥0
NO CEILING ≥ 20000	52.2 56.i	77.6 84.5	77.8 84.8			78.0 85.0	78 • 0 85 • 0	78.0 85.0		–		78.0 85.9		75.0 85.0	78.0 85.0	1
≥ 18000 ≥ 16000	56.2 56.2	84.7 84.7	84.9 84.9		85.1 85.1	85.1 85.1	85.1 85.1	85.1 85.1	85•1 85•1	85•1 85•1	55•1 85•1	85.1 85.1	85.1 85.1	85.1 85.1	85.1 85.1	85.1 85.1
≥ 14000 ≥ 12000	56.9 59.0	85.9 88.4		88.9	1 1	86.3 88.9		86.3 88.9	86.3 88.9		86.3 88.9	86.3 88.9		86•3 88•9	86 • 3 88 • 9	86.3 88.9
≥ 10000 ≥ 9000	59.9 <u>60.0</u>	90.6 90.7	90.5 90.9	91.3	91.3		91.3	91.3	91.3	91.2 91.3	91.2 91.3		91.3	91.2 91.3	91.3	51.3
≥ 8000 ≥ 7000	60.2 60.4		91.9	93.7	93.7	93.7	93.7	92.3	92.3 93.7	92•3 93•7	92.3 93.7		93.7	93.7	93.7	92.3 93.7
≥ 6000 ≥ 5000	60.8	93.6		95.0	95.0	95.0	95.0	95.0			_		95.0	95.0	95.0	
≥ 4500 ≥ 4000	61.6	95.3	95.6	96.0					95.1 96.0		96.0		96.0	96.0	96.0	96.0
≥ 3500 ≥ 3000	62.2		96.3 97.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8		97.8	97.8	97.8	96.8
≥ 2500 ≥ 2000 ≥ 1800	62.4		98.7	99.1	99.1	98.6	99.1	99.1	99.1	99.1		99.1	99.1	99.1	09.1	98.6 99.1
≥ 1500 ≥ 1500	62.4 62.6	98.6	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.3 99.6	99.6	99.6		99.3 99.6 99.6
≥ 1000	52.6 62.6	98.7		99.9	99.9	99.9	99.9		99.9	99.9		99.9	94.9	99.9	99.9	99.9
≥ 800 ≥ 700	62.6	98.8	99.6	100.0	160.0	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	180.0	100.0
≥ 600	62.6		99.6	100.0	100.L	100.0	100.0	100.0	100.C	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.2	123.0	108.0	100.0
≥ 200	62.6	98.8	99.6	100.0	100.0	100.0	100.0	100.G	188.C	100.0	100.0	100.0	00.0	00.0	100.0	100.0
≥ 0	62.6		1	•			•	100.0								

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC AT 44 .0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOUTE

900

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CEILING VERSUS VISIBILITY

12813 HACDILL AFE

68-70,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST.	ATUTE MIL	E5)						
ifEET.	≥10	≥6	≥5	≥.4	≥3	≥27	≥2	215	≥114	≥1	≥ 1,	≥ '•	رب ≦	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	51.3 55. ñ	76.6 94.1	76.6 84.1	76.6 84.1	77.0 84.4	77•1 84•5	77.1 84.5	77 • 1 84 • 5	77.1 84.5	77.1 84.5	77.1 84.5	77•1 84•5	77.1 84.5	77.1 84.5	77•1 84•5	77.1 84.5
≥ 18000 ≥ 16000	55.7 55.7	84.3 84.3	(84.3 34.3	64.6 84.6	84 • 8 84 • 8	84.8	84.8 84.8	84.8 84.8	84 • 8 84 • 8	84 · 8	84.8	84.8	84.8	84.8 84.8	84.8 84.8
≥ 14000 ≥ 12000	56.D 57.7	84.9 86.9	86.9	84.9 86.9	85•2 87•2	85.3 87.3	85.3 37.3		35.3 87.3	85.3 87.3		85.3 87.3	85.3 87.3	85.3 87.3		85.3 87.3
≥ 10000 ≥ 9000	59•1 59•1	89.7 90.3		89.7 90.3		90 • 1 90 • 8	90.1 90.8			99.1 99.8	_		90.1 90.8	90.1 90.8		
≥ 8000 ≥ 7000	59.2 59.6	92.2		92.2	92.5		91.9			91.9 92.7	92.7		91.9	91.9 92.7		91.9
≥ 6000 ≥ 5000	60.6	94.0		93.4	93.8			94.4		93.9	94.4	93.9		93.9		93.9
≥ 4500 ≥ 4000 ≥ 3500	61.7 61.8	94.4 96.3	94.4 96.3	94.4	94.8 96.9	94.9		94.9 97.1 97.6	94.9 97.1	94.9 97.1	97.1	94.9	94.9	94.9 97.1	94.9	94.9
≥ 3000	61 · 8 62 · 1 52 · 2	97.4	97.4	97.0 97.7	98.0		97.6 98.2 98.7	97.6 98.2 98.7	97.6 98.2 98.7	97.6 98.2 98.7	98.7	97.6 98.2 98.7	97.6 98.2 98.7	97.6 98.2 98.7	97.6 98.2 98.7	97.6 98.2 98.7
≥ 250° ≥ 43 ≥ 1800	62.4	- 1	98.3	98.7	99.1	99.3		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1500	62.4	98.9	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.8	100.0	00.0
≥ 1000	62.4	98.9	98.9	99.2	1 1 7 1	99.9		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 800	62.4	98.9	98.9	99.2		99.9		100.0	100.0	100.0	100.0	100.C	100.0	100.0		30.0
≥ 600	52.4 62.4	98.9			99.7		100.0		100.0							
≥ 400 ≥ 300	62.4	98.9							100 • C							
≥ 200	62.4	98.9			99.7				100.0 100.0							
≥ 0	62.4	98.9	98.9	99.2	99.7	99.9	100.0	130.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.8

TOTAL NUMBER OF OBSERVATIONS

899

LISAE FTAC MAN 0-14-5 (OL A) SERVICES FORMORS OF THIS SORE AND CHECKET

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

68-70,73-79

APR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1600-5000</u>

CÉILING			_				V:3	IBILITY (ST	ATUTE MIL	ES:						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥175	≥1'4	≥1	≥ 1₀	≥ >₀	ئہ ≷	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	50.0 53.3	80•3 85•8	80.8	80.9 86.4		81.1	81.1 66.8	81.1	81.1 86.8		61.1 86.8	81.1 86.8	81.1	81.1 86.8	81.1 86.8	81.1
≥ 18000 ≥ 18000	53.3 53.4	85.8 85.9	86.3 86.4	86.4 86.6	86.8 95.9			36.8 86.9			1 1			86.8		
≥ 14000 ≥ 12000	53.4 54.3		36.4 88.2	86.6 88.3	86.9 88.7	86.9 88.7			86.9 88.7					86.9 88.7		85.9 88.7
≥ 10000 ≥ 9000	55.9 56.0	90.7 91.1	91.2 91.7	91.3 91.8	91.7 92.1	91.7 92,1	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7 92.1	91.7	91.7 92.1	91.7 92.1	91.7 92.1
≥ 800u ≥ 7000	55.4 57.0	1 1	93.0 93.7		93.4 94.1	93.6 94.2		93.6 94.2	94.2	93.6 94.2	93.6	93.6	93.6 94.2	93.6	93.6 94.2	93.6 94.2
≥ 6000 ≥ 5000	57.2 57.6	94.2	94.8	94.1	94.4	94 • 6 95 • 3	94.6 95.3	94.6 95.3	94.6 95.3	94.6 95.3	94.6 95.3	94 • 6 95 • 3	94.6	94.6 95.3	94.6 95.3	94.6 95.3
≥ 4500 ≥ 4000	57.8 58.2	96.€	95 • 5 96 • 6	95.4 96.7	95.8 97.0	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1	95.9 97.1
≥ 3500 ≥ 3000	58.4 58.7	96.7 97.3	97.2 98.0	98.1	97.7 98.4	97.9 98.7	98.7	98.7	98.7	98.7	98.7	97.9 98.7		97.9 98.7	97.9 98.7	97.9 98.7
≥ 2500 ≥ 2000	58.7 58.7	97.6 98.1	98.4 98.6	99.0		79.2 95.6			99.6	99.6	99.6			99.2 99.6	99.6	
≥ 1800 ≥ 1500	58.7 58.7	98•1 98•1	98•8 98•8	99.1	99.3			99.6 99.7	99.6					99.6 99.7		99.6 99.7
≥ 1200 ≥ 1000	58.7 58.7	98•1 98•1		99.1			100.0	99.9 100.0	100.0	100.0	100.0	100.0	100.0		100.0	
≥ 900 ≥ 800	58.7 58.7		98.8 98.8	99.1	99.8	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6
≥ 700 ≥ 600	58.7 58.7		98.8	99.1	99.8	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	58.7 58.7	98+1 98+1	98.8	99.1	99.8	100.0	100.0	106.0 100.0	100.D	100.0	180.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	58.7 58.7	98.1 98.1	98.8 98.8	99.7	99.8	100.0	100.0	100.0 100.0	100.0	100.0	100.C	100.0	108.0	100.0	100.0	180.6
≥ 100 ≥ 0	58.7 58.7	98•1 98•1		99.1 99.1		- 1		100.0				-				

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC AT 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLET

CEILING VERSUS VISIBILITY

12816

MACOILL AFB FL

68-70,73-79

APP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							ViS	BILLY ST	ATUTE MILI	ES.						
FEET	≥10	≥6	≥5	≥4	≥3	≥2:	≥ 2	درا≷	≥1.	21	≥ ¼	≥ 'n	≥ 7	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	51.0 52.9	82.9 86.3	83.5 87.0		84.1 87.6	34 • 3 87 • 8		84.3 87.8		84 • 3 87 • 8	84.3 87.8	84.5 87.8	84.3 87.8	84.3 87.8	84.3 87.8	84.3
≥ 18000 ≥ 16000	52.9 53.0	86.3 86.4	87.1 87.1	87.2 27.3	87.6 87.7			87.8 87.9	87.8 87.9	37.8 87.9		87.8 87.9	87.8	87.8 87.9	67.8 87.9	87.8 87.9
≥ 14000 ≥ 12000	53.2 53.9	86.7	87.3 88.0	87.6 88.2		36 • 1 38 • 8	88 • 1 88 • 8	88.1 88.6		88.1 88.8	68.1 88.8	88.1	88.1	88.1 88.8	88.1	38.1 88.8
≥ 10009 ≥ 9000	54.6 54.8	89.Z		90.1 90.4	90.4 90.8		90.7 91.0	90.7 91.0	90.7 91.3	90.7 91.0	90 • 7 91 • 0	90.7 91.0	90.7 91.0	90.7 91.0	90.7	90.7 91.0
≥ 8000 ≥ 7000	55.4 55.6	91.9 92.0) - 1	92.8 92.9	93.1 93.2	93.3 93.4	93.3 93.4		, , , ,	93.3 93.4		93.3 93.4	93.3 93.4	93.3 93.4	93.3 93.4	93.3 93.4
≥ 6000 ≥ 5000	55.6 56.9	92.0	92.7 94.8	92.9 95.0	93.2		93•4 95•6		93.4 95.5	93.4 95.6	93.4 95.6	93.4 95.6	93.4 95.6	93.4 95.6		93.4 95.6
≥ 4500 ≥ 4000	56.9 57.6	94.4		95•3 96•3	95.7 96.7	95.9 96.9	95.9 96.9			95.9 96.9		95.9 96.9	95.9 96.9	95.9 96.9	95.9 95.9	95.9 95.9
≥ 3500 ≥ 3000	57.8 58.1	96 • 1 96 • 6	96.8 97.2		97.5					97.6 98.1	97.6 98.1	97.6 98.1		97.6 98.1	97.6 98.1	97.6 98.1
≥ 2500 ≥ 2000	58.1 58.1	96 • 8 96 • 8		97.7 97.7	98.1 98.1	98.3 98.4				98•3 98•4	98.3 98.4	98.3 98.4	98 • 3 38 • 4	98.3 98.4	98.3 98.4	98.3 98.4
≥ 1800 ≥ 1500	58.1 58.3	96.8	1 1	97.7 98.1	98 • 1 98 • 6	98 • 4 98 • 9	98 • 4 98 • 9	98.4 98.9	98.¢		98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9	98.4 98.9
≥ 1200 ≥ 1000	58.6 58.7	97.4 97.7	1		98.8 99.0				99•1 99•3	99•1 99•3	99.1 99.3	99.1 99.3	99.1 99.3	99.1 99.3		99.1 99.3
≥ 900 ≥ 800	58.7 59.0	97.7 98.£	98•3 98•7	98.8 99.1					99.6 100.6			99.6 188.8				
≥ 700 ≥ 600	59.0 59.0	98 • 0 98 • 0		99.1 99.1					100.0 106.6							
≥ 500 ≥ 400	59.0 59.0		1	99.1 99.1		100.0 100.0			100.0 100.0						100.0 100.0	
≥ 300 ≥ 200	59.0 59.0	98 • D		99.1 99.1		100.0 100.0			100.0 100.0	100•0 100•0		100.0 100.0	,		100.0	
≥ 100 ≥ 0	59.0 59.0			99.1 99.1					100.0 108.0							

TOTAL NUMBER OF OBSERVATIONS 90

LISAF FTAC MAM 0-14-5 (OL A) PREVIOUS SOMOIS OF THIS FORM AND CHRONE

C

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIŞ	BILLIA . ST.	ATUTE MIL	5,						
iFEET:	≥10	≥¢	≥5	≥4	≥3	227	≥2	≥: -	≥1 ·.	≥1	≥ %	≥ ٩	≥ 7	≥5 16	≥ •	≥0
≥ 20000 S 20000	45.6 48.1	76.3 81.2	77•4 82•4						79.3 24.1	79.1 84.1	79.1 63.2	79.1 83.2	79.1 24.2	79.1 84.2	79.1 84.2	79.1. 64.2
≥ 18000 ≥ 16000	48.Z	81.3 81.4				- 7		84.2 84.3	94.2 84.3	34.3 84.4	84.3 84.4	34.3 54.4	54.3 64.4	84.4 84.5	1	84.5
≥ 14000 ≥ 12000	48.6 49.6	81.9 83.4		83.8 85.4		84.7 86.3	64.8 85.4	84.8 86.5	8: • 8 36 • 5	84.9 86.5	94.9 86.6	84.9 86.5				
≥ 10000 ≥ 9000	50.4 50.6	85.3 85.7	86.5 86.9	87.3 87.7		4.95	88.3 88.7	58.4 58.8	38.4	88.4 88.8	88.4 88.9	88.9		68.5 68.9	1	
≥ 8000 ≥ 7000	50.8 51.1	86.8 87.5	88.9		90.3	90.6	98.7		90.0 90.8	98.0 90.8		90.1 90.9		90.1 90.9		90.1 90.9
≥ 6000 ≥ 5000	51 • 6 52 • 1	88.3 89.2		_	92.1		92.4			91.6 92.5		92.5	92.6	92.6		
≥ 4500 ≥ 4000	52.8 52.8	89.8 93.9	92.2	93.1	93.8	94.0	94.2	94.2	94.2		94.3	94.3	94.3	99.3	94.3	95.3
≥ 3500 ≥ 3000	53.0 53.3	92.3	93.7	94.6	95.2	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2500 ≥ 2000	53.5 53.7	93.3	94.5	95.7	96.5	96.8	95.9	97.5	97.0	97.0		97.1	96.5 97.1	97.1	97.1	97.1
≥ 1500 ≥ 1500 ≥ 1200	53.6 53.9	93.9	95.3	96.3	97.1	97.3	97.5	97.6	97.6		97.7	97.7	97.7	97.7		97.7
≥ 1000	54.3 54.4		96.2	97.2	98.1	98.3	98.5	98.6	93.6		98.7	98.7	98.7	98.7	98.7	
≥ 800 ≥ 700	54.5	95.1	96.7	97.7	98.6	98.9	99.1	99.2	99.2	98.9 99.2 99.3	99.2	99.2		99.3	99.3	99.3
≥ 600	54.5	95.3	1	98.0	98.9	99.1	29.3	99.4	99.	99.5	99.5	99.5	99.5	09.6	99.6	99.6
≥ 400	54.5	95.3	1		99.0	99.3	99.5	99.6	95.6	99.6	99.7	99.7	99.7	99.7	99.7	1 1
≥ 200	54.5	95.3		98.1	99.1	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100 C
≥ 0	54.5		-			99.3			_	1			1	3		100.0

56-70,73-79

TOTAL NUMBER OF DESERVATIONS 719

USAF ETAC AND 0-14-5 (OL A) remous comos or this follow and opposit

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥172	≥1%	≥1	≥ ¼	≥ ¾	≥ %	≥5/16	.3 //	≥0
NO CEILING ≥ 20000	47.5 50.9	79.6 85.1	80.6 85.5	80.2 85.7	80.2 85.7	80•2 85•7	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9	80.4 85.9
≥ 18000 ≥ 16000	50.9 50.9	85.2 85.2		85.8 85.8	85.8 85.8	85 • 8 85 • 8	86.0 86.0	1	86.0 86.0	0.68 0.68	86.0 86.0	86.0 86.0	86 • D 86 • G	86+0 86+0	86.0 86.0	86.0 86.0
≥ 14000 ≥ 12000	51.8 52.6	86.5		87.1 88.0	87.1 88.0	87•1 88•0	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2		87.3 88.2	87.3 88.2	87.3 88.2	87.3 88.2
≥ 10000 ≥ 9000	53.8 53.8	89.4 89.9		90.0 90.5						90.2 90.8			90.2 90.8			90.2 90.8
≥ 8000 ≥ 7000	54.8 55.1	92.5		92.9	92.9	92.9	93.5		93.1 93.5	93.1			93.1 93.5			93.1
≥ 6000 ≥ 5000	55.3 55.5	93.2	93.8	94.8				94.2	94.2 95.1	94.2		94.2 95.1	94.2 95.1	94.2 95.1	94.2 95.1	94 • 2 95 • 1
≥ 4500 ≥ 4000 ≥ 3500	55.8 56.5	94.7 95.5 96.0		95.5 96.2			95.7 96.5	95.7	95.7 96.5	95.7 96.5			95.7 96.5			95.7 96.5
≥ 3500 ≥ 3000 ≥ 2500	57.0 57.0	96.3	97.0	96.8 97.2 97.4		96 • 8 97 • 2 97 • 4	97.0 97.4 97.6			97.0 97.4 97.6	97.4	97.4		97.4		97.0 97.4 97.6
≥ 2000	57.5 57.6	97.1	97.7	98.1	98 • 1 98 • 2	98 • 1 98 • 2	98.3 98.4	98.3	97.6 98.3 98.4	98.4	98.3		97.6 98.3 98.4			
≥ 1500 ≥ 1200	57.7 58.5	97.4	98.1	98.4			1	98.0	98.6	98.6	98.6	98.6	98.6	98.6		98.6 99.5
≥ 1000	58.5 58.5	98.2	98 8	99.1		99.2			99.5	99.5	99.5	99.5	99.5	99.5		
≥ 800	58.7 58.7	98 • 5 98 • 5	99.1	99.5	99.6		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99€8	99.8
≥ 600	58 · 8	98.6	99.2			99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
≥ 400 ≥ 300	58.8 58.8	98.6		99.7	99.8										100.0	
≥ 200	58 8 58 8	98.6 98.6		99.7	99.8							_			100.0	100.0
ک ک	58.8	98.6	99.4	99.7	99 ∉8	99.8	100.0	100.0	100.0	180.0	100.0	100.0	100.0	100.8	100.0	100-0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC JULIA 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING		-					VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥11⁄4	≥1	≥¾	≥ 5-70	≥ '5	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	41.4	75.5 80.5	78.1 83.0	78.8 83.8	79.0 84.0	79•1 84•1	79.5 84.4		79.5 84.4		79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4	79.5 84.4
≥ 18000 ≥ 16000	43.9 43.9	80.3 80.3	83.0 83.0		84.0 84.0	84 • 1 84 • 1	84.4 84.4	84.4	84.4 84.4	84 • 4 84 • 4	84 • 4 84 • 4	84•4 84•4	84.4 84.4	84 • 4 84 • 4	84.4 84.4	84 • 4 84 • 4
≥ 14000 ≥ 12000	44.6		84.1 85.3		85 • 1 86 • 2	85•2 86•3	85.5 86.7		8 3 • 5 86 • 7	85.5 86.7		85.5 86.7	85.5 86.7	85.5 86.7	86.7	86.7
≥ 10000 ≥ 9000	46.3	84.0 85.2	86.7 87.8				88 • 1 89 • 2		88.1 89.2	88•1 89•2	88.1 89.2	88.1 89.2	85 • 1 89 • 2	88•1 89•2	88 • 1 89 • 2	89.2
≥ 8000 ≥ 7000	47.6 47.6	87.4 97.5	90 • 2 90 • 3		91.2 91.3	91.3 91.4	91.6 91.7	91.7	91.6	91.7	91.7			91.5 91.7	91.7	91.7
≥ 6000 ≥ 5000	48.0 48.7	88.2 89.2	91.1 92.2	91.8 92.9	93.1	92•2 93•2	92•5 93•5	93.5	92.5 93.5	93+5			93.5			93.5
≥ 4500 ≥ 4000 ≥ 3500	48.7			93.4		93.8 93.8	93.5 94.1	94.1	94.1	94.1	93.5 94.1	94.1	94.1	93.5 94.1	94.1	94.1
≥ 3000 ≥ 2500	49.1 49.6 49.8		92.9 93.5 93.9	94.3	93.9 94.5 94.8	94.6 94.6	94.9	94.9	94.9 94.9	94.9		94.9	94.9	94.3 94.9 95.3	94.9	94.9
≥ 2000	50 • 1 50 • 3	91.6 91.8			95.5	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9 96.1	95.9 96.1	
≥ 1500	50.6 51.2	92.4		96.D		96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000	51.2			97.7	98.0		98.5	98.5	98.5 98.7	98.5	98.5	98.5	98.5		98.5	98.5
≥ 800 ≥ 700	51.5 51.6	94.4	97.5	98.3					99.0	99.0	99.0	99.0	99.0		99.0	
≥ 600	51.6 51.6	94.5	97.7 97.8						99.2	99.2		99.2			99.2	
≥ 400	51.66 51.66				98 • 8			99.4			99.4 99.5			99.5		
≥ 200	51.6 51.6	94.5	97.8 97.8	9847 9847	98.9 98.9	99.1	99.6	99.6				99.8 99.8				100.0 100.0
≥ 0	51.6	94.5	97.8	98.7	98.9	99.1	99.6	99.6	99.6	99.8	.99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALLA 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1/2	≥114	≥1	≥ ૌ,	≥ ¾	≥%	≥5/16	, 9 Al	≥0
NO CEILING ≥ 20000	22.6			66.8 73.2	68.9 75.6	69.5 76.2	70.2 77.0		70.6 77.6	70.5 77.6	70.6 77.6	70.8 77.7	_	70.8	70.8 77.7	
≥ 18000 ≥ 16000	24.9 25.1				75.7 75.9	76.3 76.6	77.1 77.3	77.6 77.8	77.7 78.0		77.7 78.0	77.8 78.1		77.8 78.1	77.8 78.1	
≥ 14000 ≥ 12000	25.4 25.7	63.5 64.5		74 • 8 76 • 3	77 • 2 78 • 7	77.8 79.5	78.6 89.2	79 • 1 80 • 8	79.2 80.9		79.2 80.9	79.4 81.0		79.4 81.0	79.4 61.0	79.4 81.0
≥ 10000 ≥ 9000	27.0 27.0		76.7 77.1	79.9 80.5	82.3 82.9	83.0 83.7	83.8 84.4	84.3 84.9	84.4 £5.1	84.4 85.1	84.4 85.1	84.5 85.2		84.5 85.2	84.5 85.2	
≥ 8000 ≥ 7000	28.2 28.3	71.4 72.0		-	86.3 87.1	87.1 87.8	87.8 88.6		88.5 89.2		88.5 89.2	88.6 89.4	88.6 89.4	88.6 89.4	88.6 89.4	88.6 89.4
≥ 6000 ≥ 5000	28.3 28.6		81.5 82.6		87.3 88.6	58 • 1 89 • 4	88 • 8 90 • 1	89 ; 4 98 • 6	89.5 90.8		89.5 90.8	89.6 90.9	89.6 90.9	89.6 90.9	89.6 90.9	
≥ 4500 ≥ 4000	28.6 29.0	73.3 74.1			89.6	89.6 90.4	90.3 91.2		91.8 91.8				91.1 91.9	91.1 91.9	91.1 91.9	
≥ 3500 ≥ 3000	29.1 29.4		83.9 84.4			90.8 91.3	91.5 92.0	92.0 92.6	92•2 92•7		92.2 92.7			92.3 92.8	92·3 92·8	
≥ 2500 ≥ 2000	29.4 29.4		84 • 8 85 • 4		91.1 91.6	91.9 92.5	92.7 93.2	93.2 93.8	93.3 93.9		93.3 94.0	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1	93.4 94.1
≥ 1800 ≥ 1500	29.7 29.7	76.2 76.7	85+8 86-3		92 • B	92.9 93.7	93.7 94.4	94.2 94.9	94.3 95.1	94.4 95.2	94 • 4 95 • 2	94.5 95.3	94.5 95.3	94.5 95.3	94.5 95.3	
≥ 1200 ≥ 1000	29.7 29.8	77•1 77•3	86 • 8 87 • 0	90•4 90•8	93•2 93•5	94.1 94.4	94.8 95.3	95•4 95•8	95.5 95.9	. •	95.6 96.0	95.7 96.1	95.8 96.2	95.8 96.2	55.8 96.2	95 • 8 96 • 2
≥ 900 ≥ 800	29.8		87 · 1 87 · 4		93 • 8 94 • 2	94.6	95.5 95.9	96.D 96.5	96.1 96.6	96.2 96.7	96 • 2 96 • 7	96+3 96+8		96.5 96.9	9645 -9649	
≥ 700 ≥ 600	30.0 30.3	77%8 78%3		91'•8 -92•3	94.7 95.2	95.6 96.0	96.5 96.9	97.0 97.4	97•1 97•5	97.2 97.6	97.2 97.6	97.3 97.7	97.4 97.8	97•4 97•8	97•4 97•8	
≥ 500 ≥ 400	30.3 30.3	78.4 73.4	88.3 88.4		95.7 95.9	96.6	97.4	98 • 1 98 • 5	98.2 98.6	98•3 98•7		98.4 98.8		98.6 99.0	98 • 6 99 • 8	
≥ 300 ≥ 200	30.3 30°3	78.4	88-4	92.9		96 • 8 96 • 8		98.7	98.6 98.8	99.0	99.1	98.9 99.2			99.4 99.7	99.7
≥ 100 ≥ 0	30+3 30+3		8864	92.9				98.8 98.8		99.1 99.1				ī	100.0	

TOTAL NUMBER OF OBSERVATIONS___

931

USAF ETAC RICH 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM ARE ORIGINETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

១ភ័យី-វីវិបច

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1½	≥1%	≥ 1	<u>≥</u> 1 ₀	≥ 3/10	≥%	≥5/16	≥ ′•	≥0
NO CEILING ≥ 20000	34.8 37.7	67.6 74.4		75.5 77.5	70.8 77.8	70 • 8 77 • 8	71.0 78.1		71.1 78.2	71.1 78.2	71.1 78.2		71.1 78.2	71.1 78.2	71 • 1 78 • 2	71+1 78+2
≥ 18000 ≥ 16000	37.7 38.0	74.5 74.7		77.6 77.8	78.0 78.2				78.3 78.5	78.3 78.5	78.3 78.5	78•3 78•5		78.3 78.5		
≥ 14000 ≥ 12000	39.1 40.2	76.3 78.9		79.7 82.4	80.0 82.7	80.0 82.7	80.2 82.9				80.3 83.0				1	80.3 83.0
≥ 10000 ≥ 9000	41.2 41.2	81.5 82.0		85.1 85.9	35.5 86.5	85.5 86.5	85.7 86.7			85.8 86.8		85 • 8 86 • 8		85.8 86.8		
≥ 8000 ≥ 7000	42.3 42.3	84.6 84.7		88.5 88.6	89.1 89.2	89.1 89.2	89.4 89.5				89.6 89.7	89.6 89.7	89.6 89.7	89.6 89.7		89.6 89.7
≥ 6000 ≥ 5000	42.5	85.1 85.9		89.0 90.0	89.7 90.6	89.7 90.6	89.9 90.9		90.0 91.0		90 • 1 91 • 1	90.1 91.1	90.1 91.1	90 • 1 91 • 1	90.1 91.1	98•1 91•1
≥ 4500 ≥ 4000	42.6 42.8	86.1 87.1	89.4 90.3	90.2 91.2	90.9 91.9	90.9 91.9	91.1 92.2	91.2 92.3		91.3 92.4	91.3 92.4			91.3 92.4		91.3 92.4
≥ 3500 ≥ 3000	43.0 43.2	87.4 88.4		91.5 92.6	92•3 93•3	92.3 93.3		92.6 93.7	92.6 93.7		92.7 93.8		92.7 93.8	92.7 93.8		92.7 93.8
≥ 2500 ≥ 2000	43.5 44.0	89•2 90•2		93.7 94.7	94.4 95.5	94.4 95.6	94.6 95.8	94.7 95.9		94.8 96.0	94.8 96.0			94.8 96.0		94.8 96.0
≥ 1800 ≥ 1500	44.3 44.6	90.5 91.2		95.3 95.9	96.0 96.9	96.1 97.1								96.5 97.7		96.6 97.7
≥ 1200 ≥ 1000	44.7	91.7 91.8		96.5 96.8	97.4 97.7	97.6 98.0	1	98•2 98•7		98.3 98.8	98.3 98.9			98.3 98.9		98•3 98•9
≥ 900 ≥ 800	44.7	919 92.0		97.0 97.2	98.0 98.2	98•2 98•4	98.7 98.9	98.9 99.1	98.9 99.1	99.0 99.2	99.1	99•1 99•4	99.1 99.4	99.1 99.4		99.1 99.4
≥ 700 ≥ 600	44.7 44.7	92•0 92•0		97.2 97.2	98•4 98•4	98.6 98.6	99.1 99.1	99.5 99.5					99.7 99.8	99.7	99.7 99.8	99.7 99.8
≥ 500 ≥ 400	44.7	92.0 92.0		97.2 97.2	98•4 98•4				1				99.8 99.9			
≥ 300 ≥ 200	44.7	92.0 92.0	1.4.2.2	97.2 97.2	98•4 98•4	98 • 6 98 • 6		99.5 99.5								100.0 100.0
≥ 100 ≥ 0	44.7	92.0 92.0					99.1 99.1	99.5 99.5						-	•	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC 11.44 0-14-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE DISCUS

CEILING VERSUS VISIBILITY

12810 HACDILL AFB FL

68-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (STA	ATUTE MILI	ESi						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2י	≥2	≥1%	≱ا\≤	≥1	≥ 1,	≥ ¾	≥ 'ว	≥5/16	≥ 4	≥0
NO CEILING ≥ 20000	43.2 47.8	71.9			72.9 81.2	72.9 81.2	72.9 81.2		72.9 81.2	72.9 81.2		72.9 81.2	72.9 81.2	72.9 81.2	72.9 81.2	
≥ 18000 ≥ 16000	48.0 48.1	80.2	80.6	81.2	81.3	81.3	81.3		81.3	81.3 81.4	81.3	81.5 81.4	81.3	81.3 81.4	81.3	81.3
≥ 14000 ≥ 12000	48.9 50.1	81.8	82.3	82.8 84.6	52.9	82.9 84.7		82.9 84.7	82.9	82.9 84.7	82.9	82.9	82.9	82.9 84.7	82.9	82.9 84.7
≥ 10000 ≥ 9000	50.8	86.5 87.4	86.9	87.5		87.6 88.6	87.6	87.6	87.6	87.5		87.6		87.6	87.6	
≥ 8000 ≥ 7000	52.2 52.5	89.5 90.2	90.0	90.6	90.8	90.8		90.8	90.8	90.8		90.8		90.B	90.8	
≥ 6000 ≥ 5000	52.8 53.0	90.8	91.4	92.0	92.2	92.3	92.3		92.3	92.3	92.3	92.3		92.3	92.3	
≥ 4500 ≥ 4000	53.0 53.4	91.5	92.3	92.9	93.D		93.1	93.1	93.1	93 • 1	93.1	93.1		93.1	93.1	93.1
≥ 3500 ≥ 3000	53.7	93.1 95.1	93.9	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8		94.8	94.8	94.8
≥ 2500 ≥ 2000	54.1 54.4	95.7 96.7	96.5	97.2	97.4	\$7.6	97.7	97.7	97.7	97.7	97.7	97.7		97.7		97.7
≥ 1800 ≥ 1500	54.4	96.7		98.4	98.6	98.9	99.2	99.2	99.2	99.2	99.2	99.2		99.2	99.2	
≥ 1000 ≥ 12√0	54.4	96.9	97.8 97.8	98.6	99.8	99.0		99.5	99.5	99.7	99.8	99.8	99.8	99.8		99.8
≥ 900 ≥ 800	54.4	96.9	97.8	98 • 6	98•8	99.0		99.5	99.5	99.7	99.9	99.9	99.9	99.9	9969	99.9
≥ 700 ≥ 600	54 - 4 54 - 4	96.9	97.8	98.6	98.8	99.0	99.5		99.6	99.8	100.0	109.0	100.0	100.0	100.0	
≥ 500 ≥ 460	54.4 54.4	96.9	27.8	98.6	98.8	99.0	39.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	.00.0 .00.0
≥ 300 ≥ 200	54.4 54.4	96.9	97.08	98.6	98.8	99.0	99.5	99.5	99.6	99.8	7.00.C	100.0	1.00.0	100.0	100.0	100.0
≥ 100 ≤ €	54.4 54.4	9649		98.6	98.8	99.0	99.5	99.5	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET:	≥10	≥6	≥5	≥4	≥3	≥27⁄2	≩2	≥1%	≥1%	≥1	≥ ¾	≥¾	25	≥5.18	۲.	≥0
NO CEILING ≥ 20000	40.4 46.0	69.9 79.5	70.2 79.8	70•2 79•8		70•2 79•8			-						70.2 79.8	70•2 79•8
≥ 18000 ≥ 16000	46 • D 46 • 2	79.5 79.7	79.8 80.0	79.8 80.0		79.8 80.0						79.8 80.0			79.8 80.0	
≥ 14000 ≥ 12000	46.9 47.6	80.4 81.3					80.8 41.6			1				80.8 81.5	80.8 81.6	
≥ 10000 ≥ 10000	49.9 50.0	85.1 85.7	85.4 86.0	85.5 86.1	85.5 86.1	85.5 86.1						85.5 86.1	85.5 86.1	85.5 86.1		
≥ 8000 ≥ 7000	51.1 52.4	97.5 89.4	88.0 89.8	88 • 1 89 • 9	88 • 1 90 • 0	88 • 1 90 • 0	88 • 1 90 • 0	88 • 1 90 • 0	88•1 90•0		88.1 90.0	88.1 90.0	88 • 1 90 • 0	88•1 90•0	88.1 90.0	
≥ 6000 ≥ 5000	52.7 52.8	90.5 91.6			91.3 92.4		91.3 92.4				91.3 92.4			91.3 92.4		
≥ 4500 ≥ 4000	53.1 54.0	91.9 93.8		92.6 94.4	92.7 94.6	92.7 94.6		92.7 94.6		92.7 94.6					92.7 94.5	
≥ 3500 ≥ 3000	54 • 4 54 • 4	95.3 95.9	95.7 96.3	96.0 96.7	96 • 3 97 • C	97.0	97.0	96.3 97.0	97.0	97.5	96.3 97.8		97.0	97.0	97.0	
≥ 2500 ≥ 2000	54 • 7 55 • 3	95.5	98.1		98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
≥ 1800 ≥ 1500	55.3 55.3	97.6 97.9	98.4	98.8	99.2		99.7	99.7	99.7	99.7		99.7	99.7	99.7	99.7	
≥ 1200 ≥ 1000	55.3 55.3	97.8 97.8	98.4	98.8	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	55.3	97.8 97.8	98.4	98.9	99.5	99.6	99.8	99.9	99.9		99.9	99.9	99.9	99.9	99.9	
≥ 700 ≥ 600	55.3 55.3		98.4	98.9		99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.C
≥ 500 ≥ 400	55.3 55.3	97.8 97.8	98.4	98.9	99.6	99.7	100.0	100.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	55.3 55.3	97.8	98.9		99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	CO. D
≥ 100 ≥ 0	55•3 55•3	97.8 97.8	98.4 98.4		99.6		100.0	-						;	1	

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC JULIA 0-14-5 (OL A) MEMOUS EDMONG OF THIS FORM ARE ORIGIN

CEILING VERSUS VISIBILITY

12810

MACDILL AFS FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1839-2000

CEILING							ViS	IBILITY (ST	ATUTE MIL	E51					-	
FEET.	≥10	≥6	≥5	≥4	≥3	≥25	≥2	בוו≥	≥1%	≥1	≥ 14	≥ 3-70	≥ %	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	39.0 44.9	57.8 78.2				68•3 78•7		68•3 78•7					68.3 78.7	68.3 78.7		
≥ 18000 ≥ 16000	44.9 45.2				78.7 79.0			78.7 79.0			78•7 79•0					78.7 79.0
≥ 14000 ≥ 12000	46.3				81.1 81.6			81.1 81.6								81.1 81.6
≥ 10000 ≥ 9000	48.5 48.5		84 • 8 85 • 6	- 1	84 • 8 85 • 6			84•8 85•6			84.8 85.6					54.8 85.6
≥ 8000 ≥ 7000	49.5	88.1	88.7	88.7	88.7	88.7	88.7	87•3 88•7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	87.3 88.7
≥ 6000 ≥ 5000	50.1 50.9	89.8	90.4	90.5	90.5	90.5	90.5	89.5 90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4500 ≥ 4000	51.9	91.5	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500 ≥ 3000	52.2 52.5	94.6	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6		95.6	95.6	95.6	95.6
≥ 2500 ≥ 2000	53.1 53.5	97.0		97.8	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.4		98.4	98.4
≥ 1800 ≥ 1500	53.5 53.7	47.3	98.0	98.3	98•5		98.6	98.6	78.7		98.8		99.0		99.0	99.0
≥ 1200 ≥ 1000	53.7 53.7		98.3	98.6	98.8 98.9		99 . D		99.5		99.7		99.9		99.9	99.9
≥ 900 ≥ 800	53.7 53.7		98.3	98.6	98.9		99.0	99.4	99.5	99.5		99.7	99.9		99.9	99.7
≥ 700 ≥ 600	53.7 53.7		98.3	98.6	98.9	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9		99.9	99.9
≥ 500 ≥ 400	53.7 53.7		98.3	98.6	98.9		99.0	99.4	99.5	99.5	99.7	99.8	100.0		100.S	00.0
≥ 300 ≥ 200	53.7 53.7		9863	98.6	98.9 98.9		99.0	99.4	99.5	99.5	99.7	99.8	100.0	100.0	100.0	00.0
≥ 100 ≥ 0	53.7 53.7	97.6 97.6			*98 . 9			99•4 99•4		- 1			100.0			

TOTAL NUMBER OF OBSERVATIONS...

931

USAF ETAC AX 44 . 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORNOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AF8 FL

68-70,73-79

MAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'ז	≥2	≥1%	≥1'4	≥1	≥ i _a	≥ 54	≥%	≥5/16	≥`•	≥0
NO CEILING ≥ 20000	47.5 51.6	77.7 84.2	77.7 84.2	77.7 84.2	77 • 7 84 • 2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2	77.7 84.2
≥ 18000 ≥ 16000	51.6 51.7	84.3 84.4	84.3 84.4		84.3 84.4		84.3 84.4	84.3 84.4	84.3 84.4	84.3 84.4	84 • 3 84 • 4	84.3 84.4	84.3 84.4	84.3 84.4		84.3 84.4
≥ 14000 ≥ 12000	52.5 53.1	85.3 86.2	85.5 86.2	85.3 86.2	85 • 3 86 • 2	85.3 86.2	86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2	85.3 86.2
≥ 10000 ≥ 9000	54 • 1 54 • 2	89.1 89.7	89.1 89.7	89.1 89.7	89.1 89.7			89.1 89.7	89.1 89.7	89.1 89.7	' 1	89•1 89•7	89.1 39.7	89.1 89.7	89.1 89.7	89.1 89.7
≥ 8000 ≥ 7000	54.5 55.1	91.0 91.7	91.0 91.7	91.0 91.7	91.0 91.7	91.7	91.7	91.7		91.0 91.7	91.0 91.7	91.0 91.7	91.0 91.7	91.0 91.7	91.7	91.0 91.7
≥ 5000 ≥ 5000	55.3 55.8	92•2 93•2	92•2 93•2	93.2		93.2	93.2		92.2	92•2 93•2	92•2 93•2	92•2 93•2	92•2 93•2	92•2 93•2	92•2 93•2	92.2 92
≥ 4500 ≥ 4000	56.2 57.1	93•8 95•6	93.8 95.6			95.6	95.6			95.6					95.6	93.8 95.6
≥ 3500 ≥ 3000	57.5 57.7	96.3		97.6		97.6	97.6	97.6		97.6		97.6	97.6	96•3 97•6	97.6	96.3 97.5
≥ 2500 ≥ 2000	57•8 58•0	98 • D 98 • 6		98.8		98.8	98.8	98.6	90.5	98.9	98•3 98•9	98.9	98.9	98.9	98.9	98.9
≥ 1800 ≥ 1500	58.0 58.1	98.6 98.8		99.0	99.0	99.0	99.0		98.8 99.0	99.1	98.9 99.1	98•9 99•1	99.1		99.1	99.1
≥ 1200 ≥ 1000	58•3 58•4	99.4	99.7	99.9	99.7		99.9			100.0	99.8 100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	58.4 58.4	99.5		99.9			99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	00.0	100.0
≥ 700 ≥ 600	58.4 58.4	99.5 99.5		99.9		99.9	99.9		99.9	100.0	100.0 100.0	100.0	100.9	100.0	100.0	100.0
≥ 500 ≥ 400	58.4 58.4	99.5 99.5	99.7		99.9	99.9	99.9		99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	106.0
≥ 300 ≥ 200	58.4 58.4	99.5				99.9	99.9		99.9	100.0	100.0	188.0	100.0	100.0	100.0	00.0
≥ 00	58.4 58.4	99.5 99.5	99.7 99.7	99.9	99.9			99.9 99.9		1	100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS...

938

USAF ETAC ALM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESCRE

CEILING VERSUS VISIBILITY

12819

MACUILL AFB FL

68-70,73-79

HAY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL POUR II ST

CEILING							v1 5	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'5	≥2	≥1%	≥1%	≥1	ية خ	≥ 2/8	≥ 'כ	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	39.6 43.5	70.8 78.0	72.3 79.8	73.2 80.5	73.5 80.9			73.8 81.2	1	1	73.8 81.3			73.9 81.3	- 1	
≥ 18000 ≥ 16000	43.5 43.6	78.2		80.6 80.7	- 1	- 1		81.3 81.5	3			81.3 81.5			81.3 81.5	
≥ 14000 ≥ 12000	44.4	79.5 80.7	1	82.0 83.3	82.4 63.7		82.7 84.0	82.6 84.1							82.8 84.1	82.8 64.1
≥ 10000 ≥ 9000	46.4 46.5	83.5 84.2		86 • 2 86 • 9	86.6 87.3			86.9 87.7			86.9 87.7	87.0 87.7			87 • 9 87 • 7	
≥ 8000 ≥ 7000	47.5 47.9	86.3 87.0		89.2 89.9	89.6 90.4			90.0 90.7					90•0 90•8		-	- 1
≥ 6000 ≥ 5000	48.1 48.5		90.8	1				1	92.4	92.4	92.4	92.4		92.4		91.4
≥ 4500 ≥ 4000	48•7 49•2	_	92.2	93.0	93.5	93.6	93.8		93.9	93.9		94.0	94.0	9.00		94.0
≥ 3500 ≥ 3000	49.5 49.7	90.7 91.7	94.0		95.3	95.4	95.6	94.6 95.7	95.7	95.7	95.7	95.8	95.8	95.8	95 B	95.8
≥ 2500 ≥ 2000	49.9 50.3		95.4	96.3	96.9		97.3		97.4	97.4	97.4	97.4		97.4		97.4
≥ 1800 ≥ 1500	50.4 50.5		96.0	96.9	97.5	97.7	98.0		98.1	98.1	98.2		98.2	97.7 98.2	98.2	98.2
≥ 1200 ≥ 1000	50.7		96.6		98.2	98.4	98.7		98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 900 ≥ 800	50 • 8 50 • 8	94.2	96.8		98.4	98.6	99.0	99.0 99.1	99.2	99.2	99.3	99.3	99.3	99.3		99.3
≥ 700 ≥ 600	50.9 50.9	94.4	96.9		98•6	98.8	99.2	99.3	99.4		79.5		99.6	99.5 99.6 99.7	99.6	99.5
≥ 500 ≥ 400 ≥ 300	50.9 50.9	94.4	96.9	98-1	98.7 98.8 98.8	99.0	99.3	99.4 99.5	99.5		99.7	99.6 99.7	99.8	99.8 99.9	99.8	99.8
≥ 200	50.9	94.4	96.9	98-1	98+8	99.0	99.4	99.6	99.6	99.7	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100	50.9	- 1	96.9													

TOTAL NUMBER OF OBSERVATIONS

TISAE FTAC HEAL 0-14-5 (OL A) PRIVIOUS EDITIONS OF THIS FORM ARE ORDORED

CEILING VERSUS VISIBILITY

12810

MACDILL AFR FL

68-70,73-79

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (ST.	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥15;	≥1%	≥1	≥ ¾	6ر ₹	≥ ∿	≥5.16	≥ .	≥0
NO CEILING ≥ 20000	44.3 48.3	77.3 84.7		78.0 85.3	78.0 85.3	72.0 85.3	78.0 85.3	78.0 85.3	78.0 85.3		79.0 85.3	78.0 85.3	78.0 85.3		78.0 25.3	78.C 85.3
≥ 18000 ≥ 16000	48.4 48.6	84.6 84.9		85.4 85.6	85.4 85.6	85.4 85.6	85.4 85.6		85.4 85.6		85•4 85•6	85.4 85.6				
≥ 14000 ≥ 12000	48.8 49.7	85.3 87.2	87.9	86 • Q 87 • 9	86 • 0 87 • 9	86 • 0 87 • 9	86.0 87.9	86.0 87.9	86.0 87.9		86.9 87.9	86.0 87.9	87.9			1
≥ 10000 ≥ 9000	51.9 51.9	91.6 91.9		92.7		92.7	92.3 92.7	92.7	92.7	92.3 92.7	92.7	92.7	92.7	92.3 92.7	92.3 97.7	92.7
≥ 8000 ≥ 7000	52.6 52.9	93 •4 94•0	94.8		94.8	94.8	94 - 2 94 - 9	94.8	14.8		94 • 2 94 • 8	94.2	94.8		94.8	24.8
≥ 6000 ≥ 5000	53.8 53.4	94.2 94.8			95.6 95.6		95.4 95.6	95.6	95.0 95.6	95.0 95-6	95.0 95.6	95.5	95.6	95.6	95.5	95.6
≥ 4500 ≥ 4000	53.7 53.7	95•2 95•3	96.1	96.0 96.1		96.0 96.1	96.0 96.1	96.0 96.1	96.0 96.1	96.1	96 • 0 96 • 1	96.1	96.1	96.0 96.1	95.1	
≥ 3500 ≥ 3000	53.7 53.8	95•9 96•1	97.0	96.6	96. 97	-6	96.8		96.8 97.0	97.0	96.8 97.0		97.0		97.0	97.0
≥ 2500 ≥ 2000	53.9 53.9	96.4 96.9	98.1	97.4 98.1		3.2	98.2			98.2	97.4 98.2	98.2				98.2
≥ 1800 ≥ 1500	53.9 54.0	96∙9 97•Ω		98•1 98•2	98 • 2 98 • 4	98.4	98.4	98.4	98.4		98.4	98.2 98.4	98.4	98.4		93.4
≥ 1200 ≥ 1000	54.0 54.2	97.4	99.0				99.2	99.2		98.6 99.2	99.2	98.6 99.2	99.2		99.2	98.6 99.2
≥ 900 ≥ 800	54 • 2 54 • 4	97.4 97.7		99.4	99.7			99.4	99.4 99.7	99.4 99.7		99.4 99.7			99.7	99.4
≥ 700 ≥ 600	54 • 6 54 • 6	97.8 97.6	99.6	99.6					99.8		100.0	100.0	100.0	100.0	106.0	
≥ 500 ≥ 400	54 • 6 54 • 6	97.8 97.8	99.6							99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	54 • 6 54 • 6	97.8 97.8	99.6					99.9		99.9		100.0	100.0	100-6	# 00 · O	106.0
≥ 100 ≥ 0	54 • 6 54 • 6	97.8 97.8	17.73										•			100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC THE 0-14-5 (OL A) MENOUS EDMONS OF THIS FORM ARE CHROLETE

CEILING VERSUS VISIBILITY

01551

MACDILL AFB FL

65-70,73-79

esQue-1-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	BILITY ISTA	LTUTE MIL	ESı						
iffE1-	≥10	≥6	≥:	≥4	≥3	≥2>	≥2	לו≤	≥1′₄	≥1	≥ 3,4	≥ 'n	ون <u>خ</u>	≥5 16	2.	≱e
NO CEILING ≥ 20000	44.4	1 7 7			80 • 6 84 • 8	80 • 7 84 • 9	80.7 84.9		80.7	89.7 84.9	80.7 84.9	80.7 84.9	80.7 84.9	80.7 84.9	80.7 84.9	80.7 84.9
≥ 19000 ≥ 16000	46.8	82.5 82.5	83.9 84.0		84.9 85.0					85.8 85.1	85.0 85.1		85.0 85.1	85.0 85.1		
≥ 14000 ≥ 12000	47.0 48.0	83.1 84.8	84.2 85.9			55.3 87.0			85.3 87.0				85.3 87.0			85. 87.
≥ 10000 ≥ 9000	49.4						90•6 90•8		90.6 90.8	90 • 6 90 • 8			90.6 90.8			í
≥ 8900 ≥ 7000	50.0 50.1		91.3 91.4	92.0 92.1				92.7 92.8	92.8 92.8			92•7 92•8		92.7 92.8		
≥ 6000 ≥ 5000	50.4 50.6		91.9 92.2									93.2 93.6	93.2 93.6	93.2 93.5		93. 93.
≥ 4500 ≥ 4000	50.7 51.0			93.0 94.1	93.6 94.8		:		93.7 94.9	93.7 94.9		93.7 94.9			93.7	
≥ 3500 ≥ 3000	51.1 51.1	92.2		94.4 94.4	95.D 95.1	95.1 95.2			95.1 95.2	95•1 95•2		95•1 95•2			95.1 95.2	95.
≥ 2500 ≥ 2000	51 • 1 51 • 2	92.6		94.9		95.3 95.9	95.9	95.9	95•3 95•9		96.0	96 • C	96.D	96.0	96.0	96.
≥ 1500 ≥ 1500	51.6 52.0	93.7	95.3	96.1	96 • 1 96 • 9	96.3 97.1	97.1	97.1	96.3 97.1	97.1	97.2	96•4 97•2	97.2	97.2	97.Z	97.
≥ 1000 ≥ 1000	52.9 52.9	94.6	96.3	97.2			98.2	96.3	97.1 98.3				98.4	98.4	98.4	
≥ 900 ≥ 800	52.9 53.0	94.7	96.4	97.3	98.1	98•Z 98•3	98.3	98.4		98.4	98.7	98.7			98.7	
≥ 700 ≥ 600	53•1 53•2	95.1	97.2	98.1	98.6		99.2	99.3		99.3	99.6		99.6	99.6	99.6	99.
≥ 500 ≥ 400	53•2 53•2	95.3	97.4	98.3	99.3	99.7	99.7			99.8	100.0	100.0	100.0	100.0	100.0	100
≥ 200	53.2 53.2	95.3	97.4			99.7	99.7	99.8	99.8	99.8	100.0	100.0	100-0	100.0	100.0	co.
≥ 100 ≥ 0	53•2 53•2			98.3 98.3	99.3 99.3				99.8 99.8		100.0 100.0			F	F	F

TOTAL NUMBER OF OBSERVATIONS.

500

USAF ETAC ACHE 0-14-5 (OL A) THENDUS TERRORS OF THIS FORM AND CHICAGO

-Bate-Processins-Branch USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12:10

MACDILL AFB FL

56-70,73-79

JUA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CERENG							vis	BILITY ISTA	LTUTE AUG	ES						
'ttt.	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥15	≥1%	≥1	مئج	≥'n	≥ -	≥5 16	≥ •	≥0
O CERNG ≥ 20000	30.7 34.3	63.6	68.5 75.3	T - T -			73.1	73.1		73.2 80.6		73.2 80.5			73.3 80.7	
≥ 18000 ≥ 16000	35.1 35.1	70.9			0.08	60.6		80.9	60.9	81.0	81.5	81.0	31.1		81.1	
≥ 14000 ≥ 12000	35.8 36.7	72.0	,			81.3	82.1 84.4	82.1	82.1	32.2	52.2	82.2		82.3 84.7	82.3 64.7	
≥ 10000 ≥ 9000	37.9	77.5	82.8 83.2	84.9 85.3	37.6 88.0	7	83.6 89.0			88.7			88•8 89•2	€8•8 89•2		
≥ 8000 ≥ 7000	38.7 39.1	79•Z	1	87.0 88.6	89.8 91.3		1	90.8 92.3			90.9 92.4	;			91.0 92.6	_
≥ 6000 ≥ 5000	39.1 39.1	8D.5	86.4 86.9	98.6 88.9	91.3 91.7		92•3 92•7						92.6 92.9			, –
≥ 4500 ≥ 4000	39.1 39.2	81.Z	86.9 87.1				92.8 93.0			92.9 93.1			93.0 93.2	93.0	93.D 93.2	:
≥ 3500 ≥ 3000	39.2 39.3	81.7 82.0	87.3 87.7		92.3 92.7		93.3 93.7								93.6 93.9	
≥ 2500 ≥ 2000	39.4 39.7	82.3 82.7	0.25 2.88				94.1 94.6			94.2 94.7				94.3		1 .
≥ 1800 ≥ 1500	39.7 39.7	82.7 82.8	88.3 38.4	-000	93.4					94.7 95.0					94.8 95.1	1
≥ 1200 ≥ 1000	39.8 39.9	83.7 83.7	88.9 89.3	91.4 92.0	91.4	95.1 96.0		95.7 96.7	95.8 96.8		95.9 95.9			96.1 97.1		
≥ 900 ≥ 800	40.0 40.0		89.9 90.2		95.9 95.3	97.1	97.9	97.9		93.2	98.2	98.2		98.4	98.4	98
≥ 700 ≥ 600	40.1 40.1	84.8	90.5 98.8		96.9 97.1	97.6 98.0	99.0	99.0	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99
≥ 500 ≥ 400	40.1 40.1			94.0	97.2 97.4	98.3	99.3	99.3	99.2 99.3	99.7	99.7	99.4 99.7	99.9	97.9	,,	1
≥ 300 ≥ 200	49.1 49.1		91.1		97.6 97.6	98.4	99.4	99.4	99.6	99.8	99.8	99.8		10.01	100.0	F
≥ 100 ≥ C	40.1	85.0 85.0	7	94.1	97.6		99.4				99.8		100.0		100.0	F

TOTAL NUMBER OF OBSERVATIONS.

90

USAF ETAC ALM 0-14-5 (OL A) REVOUS ESTONS OF THIS FORM ARE GRED

CEILING VERSUS VISIBILITY

12810

MACUILL AFB FL

68-70,73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)			•			
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'n	≥ 2	21%	≥1%	≥1	≥ 14	≥ ¾	≥ 1/2	≥ 5/16	≥¼	≥0
NO CEILING ≥ 20000	36.1 41.1	69.7 78.7	71.7 81.1	72.7 82.1	73.0 82.7	73.0 82.7			73.0 82.7							
≥ 18000 ≥ 16000	41.3	79.0 79.1	81.4 81.6	82.4 82.6	83.0 83.1	83.0 83.1			83.0 83.1	83.0 83.1	83.D 83.1	83.0 83.1	83.0 83.1	83.D 83.1	83.0 83.1	83.0 83.1
≥ 14000 ≥ 12000	41.7	80.1 82.7	82.6 85.1	83.6	84 • 1 86 • 7	84.1	84 • 1 86 • 7	84.1	84.1	84.1	84.1 86.7	84.1	84.1 86.7		84.1	
≥ 10000 ≥ 9000	44.4	85.9 86.3	88.8		89.9	89.9 90.3	89.9 90.3	89.9	89.9	89.9	89.9 90.3	89,9 90.3	89.9 90.3		89.9	89.9
≥ 8000 ≥ 7000	45,0 45.6	27.7 88.7	90 • 1 91 • 1	91.1 92.1	91.8 92.8	1	91.8	91.8	91.8 92.8	91.8		91.8 92.8	91.8 92.8	91.8	91.8	91.8
≥ 6000 ≥ 5000	45.7 45.7	89.0	91.4 91.4	92.4	93.1 93.1	93.1 93.1	93.1 93.1	93.1	93.1 93.1	93.1	93.1 93.1	93.1 93.1	93.1 93.1	93.1 93.1	93.1 93.1	93.1
≥ 4500 ≥ 4000	45.7	89.3 89.6	91.8	92.8	93.4	93.4	93.4	93.4	93.4	93.4 93.7	93.4 93.7	93.4	23.4	93.4	93.4 93.7	93.4
≥ 3500 ≥ 3000	46 • B	89.8		93.2 93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9 94.4	93.9
≥ 2500 ≥ 2000	46.6	90.8	93.2 95.0	94.3	95.0 97.0	95.0 97.0	95.0 97.0	95.0	95.0 97.8	95.D	95.0	95.0	95.0	95.B 97.1	95.0 97.1	95.0
≥ 1800 ≥ 1500	47.3	92.7	95.2	96.4	97.2 98.D	97.2	97.2	97.2	97.2 98.0	97.2	97.2	97.2	97.3	97•3 98•1	97.3 98.1	97.3
≥ 1200 ≥ 1000	47.8	93.6	96.3	97.7	98.4	98.4 98.7	98.4	98.4	98.4	98.4	98.4 98.7	98.4 98.7	98.6 98.8	98.6	98 • 6 98 • 8	98.6
≥ 900 ≥ 800	47.9	93.8	96.7	98 · 1	98.9	99.0		99.0	99.D	99.0	99•D	99.0	99.1	99.1	99.1	99.1
≥ 700 ≥ 600	48.0 48.0	93.9	96.8	98 • 2 98 • 3	99.4	99.1	99.1	99.1	99•1 99•7	99.1	99.1 99.7	99.1	99.2	99.2	99.2	99.2
≥ 500 ≥ 400	48•0 48•0	93.9	96.8		99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8 99.8	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	48.0 48.0	93.9	96.9	98.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	48.0 48.0	93.9	96.9	98.4	99.7	99.8 99.8	99.8		99.9		99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

68-70,73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			•				VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	214	≥1	≥ 3,,	≥ >₁	≥ %	≥ 5/16	≥ ¼	≥0
NO CEILING ≥ 20000	37.4 44.0	67.0 79.6	68.0 81.0	68.2 81.2	68.2 81.2	68•2 81•2	68 • 2 81 • 2	68•2 81•2	68.2 31.2	68.2 81.2	68.2 81.2	68.2 81.2	68.2 81.2	68.2 81.2	68.2 81.2	68.2 81.2
≥ 18000 ≥ 16000	44.0 44.1	79.6 79.7	81.0 81.1	81.2 81.3	61.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3	81.3	81.2 81.3	81.2 81.3	81.2	81.2 81.3	81.2 81.3	81.2 81.3	81.2 81.3
≥ 14000 ≥ 12000	44.6 45.2	80.6 82.7	82•2 84•1	82 • 4 84 • 3	82.4 84.3	82.4 84.3	82.4 84.3		82.4 84.3	82+4 84+3	82.4 84.3	82.4 84.3	82.4 84.3	82.4 84.3	82•4 84•3	82.4 84.3
≥ 10000 ≥ 9000	45.6 46.6	87.0 87.1	88.4 88.6	88.7	88.7 88.8	88.7 88.8	88.7 88.8	88 • 8	88.7 88.8	88.7 88.8	88.7 88.8	88.7 88.8	88.7 88.8	88.7 88.8	88.7 88.8	88.7 88.8
≥ 8000 ≥ 7000	47.6 47.8	88.9 89.9	90.3 91.4	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7				90.6 91.7	90.6 91.7	90.6 91.7	
≥ 6000 ≥ 5000	48.1 48.4	90.6	92.1 93.2	92.3 93.4	92.3 93.4	92.3 93.4	92•3 93•4	92•3 93•4	92.3 93.4		92.3 93.4	92.3 93.4	92.3 93.4	92.3 93.4	92.3 93.4	
≥ 4500 ≥ 4000	48.6 49.1	91.9 93.7	93.6 95.3	93.8 95.6	93.8 95.6	93.8 95.6		1	93.8 95.6			93.8 95.6	93.8 95.6	93.8 95.6	93.8 95.6	
≥ 3500 ≥ 3000	49.2 49.9		95.7 97.1	96 • 8 97 • 4	96.0 97.4	96.0 97.4		96.0 97.4	96.0 97.4		96.0 97.4					
≥ 2500 ≥ 2000	50.3 50.7	96 • 0 96 • 4	97.8 98.2	98.3 98.9	98.3 98.9	98.3 98.9		98 • 3 99 • 0	98.3 99.0		98.3 99.0		98.3 99.0	98.3 99.0	98•3 99•0	
≥ 1800 ≥ 1500	50.7 50.7	96 • 4 96 • 6		99.1	99 • 1 99 • 2	99.1 99.2				99.2 99.3				99.2 99.3	99.2 99.3	
≥ 1200 ≥ 1000	50.8 50.8	96 • 7 96 • 9			99.6	99.5	99.6						99.4 9 9.7	99.4 99.7	99.4 99.7	
≥ 900 ≥ 800	50.8 50.8	96 • 9 96 • 9			99.6 99.7	99.7	99.7	99.8	99.8		99.7 99.8		99•7 99•8	99.7 99.8		
≥ 700 ≥ 600	50.8 50.8	96.9		99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
≥ 500 ≥ 400	50 • 8 50 • 8	96.9 96.9		99.8	99.8		99.9	100.0	100.0	100.0	100.0	100.0	188.0		100.0	100.0
≥ 300 ≥ 200	50.8 50.8			99•8 99•8		99.8	99.9	100.0	180.0	100.0 100.0	100.0	100.0	100.0	108.0	100.0	00.0
≥ 100 ≥ 0	50.9 50.8	96 • 9 96 • 9		99.8			99.9		1	100.0 100.0				, ,	1	

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC FORM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)					,	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥ı	≥ 1,4	≥ ¾	≥ '2	≥5/16	≥ ′₄	≥0
NO CEILING ≥ 20000	31.3 41.8	53.3 71.6	54.6 73.3	54.6 73.4	54 • 6 73 • 4	54 • 6 73 • 4	54 • 6 73 • 4	54.6 73.4	54.6 73.4	54.6 73.4	54.6 73.4	54.6 73.4	54.6 73.4	54.6 73.4	54.6 73.4	1
≥ 18000 ≥ 16000	41.8 41.8	71.7 71.7	73.4 73.4	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	73.6 73.6	, ,
≥ 14000 ≥ 12000	42.4															77.6
≥ 10000 ≥ 9000	45.2 45.3	81.6				83.0 83.7		83.7	83.0 83.7	83.7	63.7		83.7	83.7	83.7	83.7
≥ 8000 ≥ 7000	47.0 47.1	85.0	86.4				87.0	87.0	86.6 87.0	87.0	87.0		87.0	-		87.0
≥ 6000 ≥ 5000	47.6 47.9	86.6			87.7 88.7	87.7 88.7	87.7 88.7	87.7 88.7	87.7 88.7	88.7	87.7 88.7	87.7 88.7	88.7	87•7 88•7		88.7
≥ 4500 ≥ 4000	47.9	88.2	90.3			90.6					90.6			88.7 90.6		90.6
≥ 3500 ≥ 3000	49.6 50.4	92.0	92.3	95.0	92.6 95.1	92 • 6 95 • 1	92.6 95.1	95.2	92.7		92.7 95.2	92.7 95.2	92.7	92.7 95.2	92.7 95.2	95.2
≥ 2500 ≥ 2000	50.7	93.2	95.7 97.2	97.8	98.1	96.4	98.4		96.8 98.6				96.8 98.7		96 • 8 98 • 7	98.7
≥ 1800 ≥ 1500 ≥ 1200	51.1 51.1	94 + 8 94 + 8 95 + 4		97.9 97.9 98.6	98.2 98.2 98.9			98.7 98.8	98.7 98.8		98.9		98.8			
≥ 1000	51.3 51.3	95.4	98.0	98.6 98.6	98.9	99.0 99.0	99.3	99.4	99.4 99.4	99.7	99.6 99.7	99.6 99.7	99.6 99.7			99.7
≥ 900 ≥ 800 ≥ 700	513 513	95.4	98.0	98.6	98.9	99.0	99.3	99.4		99.7		99.7	99.8		99.8	99.8
≥ 600 ≥ 500	51.3	95.4	9810	98.6	98.9	99 • D	99.3	99.4	99.4	99.7	99.7	1	99.8	99.8	99.8	99.8
≥ 400 ≥ 300	51.3	95.4		98.6	95.9	99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.9	100.0
≥ 200	51.3 51.3		9820	9866		99.0	99.3	99.4	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0
≥ 100 ≥ 0	513			,	98.9		99.3							1		100.0

TOTAL NUMBER OF OBSERVATIONS 901

LISAE FTAC HILL D-14-5 (OL. A) HEROTUS ENTIONS OF THIS FORM ARE DISCUSS

CEILING VERSUS VISIBILITY

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MACDILL AFB FL

68-70,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							VIS	BILITY (ST	ATUTE MIL	ES)		-				
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥ויז	≥1	≥¾	≥%	≥ ⅓	≥5/16	≥ ¼	≥0
NO CEILING ≥ 20000	29.2 38.6	47.7 66.2	48.9 67.7		48.9 67.7	48.9 67.7					48.9 67.7	48.9 67.7		48.9 67.7	48.9 67.7	48.9 67.7
≥ 18000 ≥ 16000	38.7 38.8	66.3 66.6	67.8 68.0	1	67.8 68.0				67.8 68.0		67 • 8 68 • 0	67.8 68.0			67.8 68.0	
≥ 14000 ≥ 12000	39.6 41.9	67.7 71.2	69.1 72.7	69.1 72.7	69.1 72.7	69.1 72.7		69.1 72.7	69•1 72•7	–	69.1 72.7	69.1 72.7			69•1 72•7	69.1 72.7
≥ 10000 ≥ 9000	44.9 45.3		80.1 81.4	80.1 81.4	80.1 81.4	81.4	80.1 81.4	80.1 81.4	80 · 1 81 · 4	80.1 81.4	80.1 81.4	80.1 81.4	80.1 81.4	80.1 81.4	89.1 81.4	
≥ 8000 ≥ 7000	46.4	83.7 84.3	85•4 86•1	85.4 86.1	85 • 4 86 • 1	85.4 86.1		85.4 86.1	85.4 86.1	85.4 86.1		85.4 86.1			85•4 86•1	
≥ 6000 ≥ 5000	47.2			87.2 88.3	87.2 88.3	87.2 88.3			87.2 88.3	87.2 88.3		87.2 88.3				
≥ 4500 ≥ 4000	47.2 48.1	5.8 5.67	88.7 90.7	88.7 90.7	88.7 90.8	88.7 98.8			88.7 90.8							
≥ 3500 ≥ 3000	48.5 49.7	97.8	92.0 95.1	92.0 95.3	92.1 95.4	92 • 1 95 • 4				92•2 95•6		92.2 95.6				
≥ 2500 ≥ 2000	50.6	95.0		96.8 97.8	96.9 97.9			97.2 98.3	97•2 98•3	97•2 98•3	97•2 98•3					
≥ 1800 ≥ 1500	50 • 8 50 • 8	95.4	97.9 97.9	98•2 98•2					98.9 98.9						99.0 99.0	
≥ 1200 ≥ 1000	50 • 8 50 • 8	95.8		98.8			99 • 1 99 • 2	99.4 99.6	99.4 99.6	99•4 99•6	99•6 99•8	99.6 99.8	59.7 99.9	99.7 99.9	99.7 99.9	
≥ 900 ≥ 800	50 · 8	95.8	98.4		98.9	99.1						99•8 99•8			99.9 99.9	
≥ 700 ≥ 600	50 · 8	95.8				99.1		99.6		99.6				99.9	99.9 99.9	
≥ 500 ≥ 400	50 · 8	95 • 8	98.4	98 - 8	98.9	99.1	99.2			99.0	99.8		_		99.9 190.0	100.0
≥ 300	50, 8 50 8	95.8		98.8	98.9					99.6	99.8			99.9	100.0	100.0
≥ 100 ≥ 0	50 • 8 50 • 8		98.4		98.9		99•2 99•2	4	99.6 99.6			99.8 99.8	99.9		100.0 100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 901

LISAE ETAC THAT ON 14-5 (OL A) PROVINCES CONTINUE OF THE COMMAND CONTINUE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING		•					VISI	BILITY (ST	ATUTE MIL	ES)						
·FEET,	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	واا≦	≥114	≥1	≥ ¾	≥%	ئ، ₹	≥ 5-16	≥'.	≥0
NO CEILING ≥ 20000	37.7 44.3	65.0 77.0	65.7 77.8	65.7 77.8	65•7 77•8	65•7 77•8	65.7 77.8	65.7 77.8	65.7 77.8	65.7 77.8	65.7 77.8	65.7 77.3	65.7 77.8		65•7 77•8	77.8
≥ 18000 ≥ 16000	44.4	77.3 77.3	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1	78.1 78.1	78 • 1 78 • 1	78.1 78.1	78.1 78.1	78.1 78.1	78 • 1 78 • 1	78 • 1 78 • 1	78.1 78.1	78 • 1 78 • 1	78 • 1 78 • 1
≥ 14000 ≥ 12000	44.7 45.8	77.7 79.7	78•4 80•	75.4 80.4	78.4 80.4	78.4 80.4	78.4 80.4	78.4 80.4	78.4 80.4		78.4 80.4	78.4 80.4	76.4 80.4	78.4 80.4		78.4 30.4
≥ 10000	48.4	84.4	86.6		85.2			85.2 86.6	86.6			86.6	86.6		86.6	86.6
≥ 8000 ≥ 7000	49.6	89.0			89.8 90.4	89.8 90.4	89.8 90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000 ≥ 5000	50.3	90.4		91.3	91.3	91.3 92.4	91.3		92.4	92.4	92.4	91.3 92.4	92.4	91.3	91.3 92.4	92.4
≥ 4500 ≥ 4000 ≥ 3500	51.4	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8 93.2	93.2			92.8		92.8
≥ 3500 ≥ 3000 ≥ 2500	51.6 51.9	92.8 94.1 95.0	93.8 95.2 96.3		93.8 95.2	93.8 95.2 96.4	93.8 95.2 96.4	93.8 95.2 96.4	93.8 95.2	93.8 95.2	95.2	93.8	_	93.9 95.3	95.3 96.6	
≥ 2000	52.3 52.3	96 • D		96.3 97.7 97.7		1	98.0	98.1 98.1	98.1 98.1	96.4 98.2 98.2	96.4 98.2 98.2	96 • 4 98 • 2 98 • 2	96.6 98.3	96.6 98.3 98.3		96.6 98.3 98.3
≥ 1500 ≥ 1200	52.4	96 · 1 96 · 3		97.9		1	98 • 2 98 • 7			98.4	98.4	98.4		98.6		98.6
≥ 1000	52.9	96.7 96.7			1 1 1	99.1	99.3	99.4	99.4	99.6	99.6	_	99.7	99.7	99.7	99.7
≥ 800	52.9	96.7	98.9	99.0 99.1	99.2	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.9		99.9	99.9
≥ 500	53.0 53.0	96.8		99.1	99.3	99.3	1	99.8	99.8		99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	53.0	96.8	99.0		99.3	99.3	99.6	99.8		99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	53.0	96.8	9950	99.1	99.3	99.3	99.5	99.8	99 . 8	99.9	99.9	\$9.9	100.0	100.0	100.0	
≥ 100	53.0	7 7 7	99:0			99.3										100.0

TOTAL NUMBER OF OBSERVATIONS

INCAS ETAC TOM 0-14-5 (OI A) manage consider on the construction

CEILING VERSUS VISIBILITY

12813 MACOILL AFB FL

68-70,73-79

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥\$	≥4	≥3	227	≥2	≥1%	≥1%	≥ı	≥ ⅓	≥ ⅓,	≥ %	≥5-16	≥ ¼	≥0
NO CEILING ≥ 20000	36.4 42.4	65.3 76.3	66.9 78.2	67.2 78.6	67.6 79.1	67.7 79.1	67.8 79.2	67.8 79.2	67.8 79.2	67.8 79.2	67.8 79.2	67.8 79.2	67.8 79.2	67.8 79.2		67.8 79.2
≥ 18000 ≥ 16000	42.6 42.6	76.5 76.6	78.4 78.4	78 • 8 78 • 9	79.3 79.3	79.3 79.4	79.4 79.5	79 • 4 79 • 5	79.4 79.5	79.4 79.5	79.4 79.5	79.4 79.5	79.4 79.5	79.4 79.5	79.4 79.5	79.4 79.5
≥ 14000 ≥ 12000	43.1 44.2	77.4 79.7		79.7 82.0	80.2 82.5	80.2 82.6	80.3 82.6	80•3 82•6	80.3 82.6	80.3 82.6	80•3 82•6	80.3 82.6	80.3 82.7	80.3 82.7		80.3 82.7
≥ 10000 ≥ 9000	46.1 46.2	84.8	86.8		87.2 87.8	87.2 87.8		87.3 87.9		87•3 87•9			87.3 87.9		87.9	
≥ 8000 ≥ 7000	47.4	87.1 87.8	89.1			90.2 90.9	90.2 91.0	91.0				90.2 91.0				
≥ 6000 ≥ 5000	47.9	88.3	90.4	90.9 91.6		91.5 <u>92</u> .2		92.2	91.5	91.5 92.2	92.2	91.5 92.2	92.3	91.6 92.3	92.3	91.6 92.3
≥ 4500 ≥ 4000 ≥ 3500	48.0 48.4	89.2 90.1				92.4			92.5 93.5	92.5 93.5	92.5 93.5	92 • 5 93 • 5	92.5 93.5	92.5		92.5 93.5
≥ 3000	49.3	91.9	94.1	93.5 94.8 95.5	94.1 95.3 96.1	94 • 1 95 • 4 96 • 2	94 • 2 95 • 4 96 • 3	95.5	94.2 95.5 95.3	94 • 2 95 • 5 96 • 3	94 • 2 95 • 5 96 • 3	95.5	94 • 3 95 • 5	94 • 3 95 • 5 96 • 4	94.3 95.5 96.4	94.3 95.5 96.4
≥ 2000	49.6	93.3	95.8		97.1	97.3			97.5 97.7	97.5 97.7	97.5 97.7				97.6	
≥ 1500 ≥ 1200	49.8	93.7	96.2	96.9						98.0 98.4			1	98 • 1 98 • 5	98.1 98.5	98 • 1 98 • 5
≥ 1000	50 • 1	94.3	96.9 97.0	97.8	98.5 98.6	98.6		98.9	98.9	98.9 99.1		99.0		99.1 99.2	99.1 99.2	99.1
≥ 800 ≥ 700	50.1	94.4	97.1 97.3	98.0 98.2	98.7 99.9	98.9	99.1	99.2	99.4	99.3	99.3	99.5	99.4	99.4		99.4
≥ 600 ≥ 500	50•2 50•2	94.6	97.4 97.4		99.0 99.1	99.2		99.6	99.6 99.7	99.7	99.7 99.8	99.7 99.8		99.8 99.9		99.8 99.49
≥ 400	50.2	94.6 94.6	97.4 97.4	98•3 98•3	99.1 99.2	99.3 99.4	99.6 99.6		99.7 99.7	99.8	99.9		99.9 100.0		100.0	
≥ 200	50.2 50.2	94 • 6	97.4	98.3	99.2	99.4	99.6	99.7	99.7	99•8 99•8	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	50.2	94.6	97.4	98.3	9952	99.4	99.6	99.7	99.7	99.8	99.9	99.9	180.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRET

CEILING VERSUS VISIBILITY

12810

HACOTII AFR FI

68-70,73-79

0000-0200

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VI5	BILITY (ST.	ATUTE MILI	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥ا√ے	≥1%	≥1	≥ 14	≥ ¾	≥ '⊅	≥5-16	≥	≥0
NO CEILING ≥ 20000	40.8 43.3	75.3 85.1	76.0 85.8		76.2 86.0	76 • Z 86 • D	76 • 2 86 • 0	76•2 86•0	76.2 86.0	76.2 86.0	76 • 2 86 • 0	76 • 2 86 • B	76•2 86•0	76.2 86.0	76.2 86.9	76.2 36.0
≥ 18000 ≥ 16000	43.4	85.3 85.3	86.0 86.0	86.0 86.0	86.2 86.2	66•2 86•2	86.2 85.2	86 • 2 86 • 2	86.2 86.2	86.2 86.2	86 • 2 86 • 2	36•2 86•2	86 • 2 86 • 2	86.2 86.2	86.2 86.2	86.2 86.2
≥ 14000 ≥ 12000	44.3 45.5	87.0 89.4	87.7 90.1	87.7 90.1	88.0 90.3	88.0 90.3	88.0 90.3	j	88.0 90.3	88.0 90.3	88.0 90.3	88 • 8 98 • 3	83.D 90.3	88.0 90.3		88.0 90.3
≥ 10000 ≥ 9000	48•2 48•5	94.2 95.3	94.9 96.0	94.9 95.0	95.2 96.2		95 • 2 96 • 2	95•2 96•2	95•2 96•2	95•2 96•2	95.2 96.2	95•2 96•2	95.2 96.2	95.2 96.2	95.2 96.2	95.2 96.2
≥ 8000 ≥ 7000	49.6 49.7	96.8		97.5 97.7		97.7 98.E	97.7 98.0	97.7	97.7 98.0	97•7 98•0	97•7 98•0			98.0		97.7 98.0
≥ 6000 ≥ 5000	50.1 50.2	97.4 97.6						98.6				98•4 98•6		98.4 98.6	98.4 98.5	98.4 98.5
≥ 4500 ≥ 4000	50.2 50.4	98.2						99.1		98.6 99.1	98•6 99•1	98.6 99.1	98.6	98.5 99.1	98.6 99.1	98.6 99.1
≥ 3500 ≥ 3000	50.4 50.5	98.3 98.7			99.7	99•2 99•7	99 • 2 99 • 7	99.7			99.2 99.7	99.2 99.7			99.2 99.7	
≥ 2500 ≥ 2000	50.8 50.8	98.8	99.6	99.6			99.8								99.8	99.8 99.8
≥ 1800 ≥ 1500	50.8	98.8	99.6	99.6	99.8		99.8							99.8		
≥ 1200 ≥ 1000	50.9	98±9	99.7	99.7	99.9	_	_									
≥ 900 ≥ 800	50.9 58.9	98.9	99.7	99.7				99.9	99.9	99.9	99.9	99.9	99.9		99.9	99.9
≥ 700 ≥ 600	50.9 50.9	99.0	99.8	99.8	100.D	100.0	100.0	100.0	100+0	100.0	100.0	100.0	100.0	100.0	100.0	100.6
≥ 500 ≥ 400	50.9 50.9			99.8	10010	100.0 100.0	100.0	100-0	100.0	100.0	100.0	100.0	,60.8	160.0	180.0	100.0
≥ 300 ≥ 200	50.9 50.9	99.0	99.8	::99 √ 8	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	50.9 50.9	99.0	.99.8	*		100.0 100.0										

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC AN AM 0-14-5 (CL A) MEYIOUS EDITIONS OF THIS FORM AME DESCRE

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

63-70,73-79

0300-0500

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

					-			•		-						
CEILING							VISI	BILITY (ST	ATUTE MIL	ES1						
'FEET)	≥10	≥6	≥5	≥4	≥3	≥25	≥2	≥172	≥1'4	≥1	يڈ ≤	≥ 3.	≥ '7	≥5-16	≥ ′•	≥0
NO CEILING ≥ 20000	40.4 42.5	81.3 87.7	82.3 88.7	82.6 89.0	83.1	83 • 1 89 • 6	83.1 89.6	83.1 89.6		83.1 89.6	83.1 89.6	83.1 89.6		:		
≥ 18000 ≥ 16000	42.7 42.9	88.2	88.9 89.1	89.2 89.5	89.8 90.0	- 1	- 1	89.8 90.0					1	89.8 90.0		89.8 90.0
≥ 14000 ≥ 12000	43.0 44.2	88.7 90.1	89.7 91.1	90.0 91.4	90.5	90.5 91.9		90.5 91.9	90.5 91.9			90.5 91.9				90.5 91.9
≥ 10000 ≥ 9000	46.6 46.7	93.4	94.4 95.3	94.7 95.6	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1	95.3 96.1					95.3 96.1	95.3 96.1	95.3 96.1
≥ 8000 ≥ 7000	47.1 47.6	94.9 95.5		96•2 96•8	96.8 97.3			96.8 97.3		95.8	96.8	96.8 97.3			96.8 97.3	96.8
≥ 6000 ≥ 5000	47.7 47.8	95.8 95.9		97.1 97.2	97.6 97.8						97.6 97.8		1			97.6 97.8
≥ 4500 ≥ 4000	47.8 48.0	95.9 96.1		97.2 97.4	97.8 98.1	97.8 98.1		97.8 98.1	97.8 98.1	97.8 98.1			97.8 98.1	97.8 98.1	97.8 98.1	
≥ 3500 ≥ 3000	48.1 48.3	96 • 2 96 • 7		97.6 98.1	98.3 98.7	98.3 98.7	98.3 98.7	98 • 3 98 • 7								98•3 98•7
≥ 2500 ≥ 2000	48.5 48.5	96.8 97.2	97.7 98.3	98.2 98.6	98 • 8 99 • 5	98.8 99.5	98.9 99.6	98.9 99.6	98.9 99.6			98.9 99.6		1 1		
≥ 1800 ≥ 1500	48.5 48.6	97.2 97.4		98.6 99.0	99.5 99.7	99•5 99•7	99.6	99.6 99.8					1			
≥ 1200 ≥ 1000	48.6 48.6	97.4 97.4		99.0 99.0	99.7 99.7	99.7 99.7	99 • 8 99 • 8	99•8 99•8	99.8 99.8		1					
≥ 900 ≥ 800	48.6 48.6	97.4 97.4		99.0 99.0		99•7 99•7	99 • 8 99 • 8	99°.8				99.8 99.8		99.8 99.8		99.8 99.8
≥ 700 ≥ 600	48.6 48.6	97.4 97.4		99.0 99.0	99.7	99.7	99.8	99.8 99.8	99.8 99.8		- 1	99.8 99.8		99.8 99.8		99.8 99.8
≥ 500 ≥ 400	48.6 48.6	97.4	98.5	99.0 99.0	99.8 99.8	99•8	99.9 99.9	99.9	99.9	99.9		99.9 99.9		99.9 99.9		
≥ 300 ≥ 200	48.6 48.6	97.4 97.4	98.5	99.0			99.9			99.9	99.9	99.9 99.9		99.9 100.0		
≥ 100 ≥ 0	48.6	97.64 97.64	98.5	99.0 99.0	99.8 99.8			99.9 99.9	99.9 99.9		^9.9 99.9			100.0 100.0		F
•		4**				*							,	••		

TOTAL NUMBER OF OBSERVATIONS______

USAF ETAC . FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

JUL WONTE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VISI	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	21%	≥1%	≥1	≥ ¾	≥ 1/4	≥%	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	32.8 34.8		:		76.3 84.4		76 • 5 84 • 5	76.6 84.6	76.6 84.6	76.7 84.7	76.9 84.9				76.9 84.9	
≥ 18000 ≥ 16000	35 • 5 35 • 8				85.2 85.5	85•2 85•5	85.3 85.6	85.4 85.7	85.4 85.7	85.5 85.8	85.7 86.3	85•7 86•0			85.7 86.0	
≥ 14000 ≥ 12000	36.3 37.7	78.1 80.9	82.9 85.7	85.6 88.4	86.7 89.5	86.7 89.5	86.9 89.7	87.0 89.8	87.0 89.8	87.1 89.9	87.3 90.1	87.3 90.1		87.3 90.1	87.3 90.1	87.3 98.1
≥ 10000 ≥ 9000	39.5 39.9	86.1	92.1	91.9 93.8			93.3 95.2		93.4 95.3	93.5 95.4	93•8 95•6	93.8 95.6				
≥ 8000 ≥ 7000	40.4	87.0 87.3	92.3		95.8 96.1		96 • 1 96 • 5		_		95.6 96.9		96.9		96.6	96.9
≥ 6000 ≥ 5000	40.5	87.4	92.4		96.2 96.2			96.7				97.0	97.0	97.0	97.0	97.0
≥ 4500 ≥ 4000	40.9 40.6	87.5	92.5	95.3		96 • 2 96 • 5		96.9			97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500 ≥ 3000	41.0	86.1	93.0	95.8	97.0	97.0		97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	
≥ 2500 ≥ 2000 ≥ 1800	41.1 41.1	88.4	93.3	96.2		97.4 97.5	97.7	97.8				98.2	98.2	98.2	98.2	98.2
≥ 1500 ≥ 1500	41.1	8845	93.4	96.3	97.5	97.5	98.0	98.1	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	41.1		93.5		97.8	97.8 98.0	1	98.5	98.5	98.6		98.8	98.8	98.8		98.8
≥ 800	41.1	88.6			98.0	98.0	98.5 98.7			98.7	98.9	98.9	98.9	98.9		98.9
≥ 600	41.2	88.7	93.8	96.8	98.2	98.2		98.9	98.9	99.2	1	99.5	99.5	99.5	99.5	99.5
≥ 400 ≥ 300	41.2	88.7	93.8	96.5		98.2		99.0	99.0	99.4	99.6	99.6	99.7	99.7	99.7	99.7
≥ 200 ≥ 100	41.2	88.7	93.8	96.8		98.2	98.7	99.4	99.4		99.9	99.9	100.0	100.0	100.0	
≥ 0		~ - ~	93.8			98.2										

TOTAL NUMBER OF OBSERVATIONS.

930

USAF ETAC AT 44 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM AND ORSOLET

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL STATION NAME

68-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES) CEILING (FEET: ≥ 5.16 ≥5 ≥11% NO CELLING 72.0 72.5 72.6 38.0 69.8 71.6 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 72.7 ≥ 20000 80.8 82.7 83.1 83.5 83.8 83.8 83.8 42.3 83.7 83.8 83.8 83.3 83.8 83.8 83.8 83.8 > 18000 83.0 83.4 83.9 84.0 84.1 84.1 84-1 84-1 34-1 84-1 84.1 84.1 ≥ 16000 81.6 83.5 84.0 84.4 84.5 84.6 84.6 84.6 84.5 84.6 84.6 84.6 ≥ 14000 ≥ 12000 85.9 88.0 88.4 88.9 89.0 89.1 89.1 89.1 89.1 89.1 89.1 90.0 92.2 92.6 93.2 93.3 93.4 90.5 92.7 93.1 93.8 93.9 94.0 ≥ 10000 ≥ 9000 ≥ 8000 ≥ 7000 91.7 94.3 94.9 95.1 95.2 95.2 95.2 95.2 95.2 95.2 95.2 93.9 95.2 ≥ 6000 94.8 95.6 95.7 95.8 95.8 95.8 95.8 95.8 95.6 95.8 95.8 95.8 95.8 92.3 94.4 ≥ 5000 ≥ 4500 93.1 95.5 95.9 96.7 96.8 96.9 96.9 96.9 96.9 96.9 96.9 96.9 ≥ 3500 ≥ 3000 97.1 97.6 98.4 98.5 97.8 98.4 99.1 99.2 ≥ 2500 ≥ 2000 ≥ 1800 ≥ 1500 1200 95.5 98.1 900 48.9 800 95.6 98.2 98.7 99.5 99.6 99.7 99.9 99.9 99.9 99.9 99.9 48. 99.9 59.9 99.9 99.9 ≥ 700 ≥ 600 95.6 98.2 98.7 99.5 99.6 98.7 99.5 99.6 99.7 98.7 99.5 99.6 99.7 ≥ 500 ≥ 400 95.6 98.2 95.4 98.2 98.7 99.5 99.6 99.7 99.9 99.9 99.9 99.9 99.9hop.ahop.ahop.ahop.a 100

TOTAL NUMBER OF OBSERVATIONS_

- 931

USAF ETAC ALS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORECLE

CEILING VERSUS VISIBILITY

12610

MACDILL AFB FL

68-70,73-79

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							ViS	BILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'כ	≥2	کان	≥1'•	≥1	≥ ¾	≥ 2-0	≥%	≥5 16	≥ 4	≥0
NO CEILING ≥ 20000	34.5 42.4			60.3 79.2	. 1	60.3 79.2	60•3 79•2			60.3 79.2	60.3 79.2					1
≥ 18000 ≥ 16000	42.5 42.5			4	. 1	79.6 79.7	79.6 79.7				79.6 79.7			79.6 79.7	79.6 79.7	
≥ 14000 ≥ 12000	43.0 45.4	_		81.2 86.1	81.2 86.1	81.2 86.1	81.2 86.1	81.2 85.1	1		81.2 86.1	81.2 86.1		81•2 86•1	81.2 86.1	
≥ 10000 ≥ 9000	47.6 47.6			90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1		90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1	90.6 91.1	90.6
≥ 8000 ≥ 7000	48.4			92.4		92.4 92.6	92.4	72.4 92.6	92.4 92.6	92.4 92.6	92.4 92.6	92.4 92.6		92•4 92•6	92.4 92.6	92.4 92.5
≥ 6000 ≥ 5000	48•8 48•8		93.8	93.4 93.8		93.4 93.8	93.4 93.8	93.4 93.6	93.4 93.8	93.4 93.8	93.4 93.8	93.4 93.8	93.4 93.8	93.4 93.8	93.4 93.8	93.4 93.8
≥ 4500 ≥ 4000	48.8 48.8			93.8 94.0	94.D		93•8 94•0	93.3 94.6	93.8 94.1	93.8 94.1	93.8 94.1	93.8	93.8 94.1		93.8 94.1	
≥ 3500 ≥ 3000	48.8 49.8			94 • 2 96 • 5	96.6		94 • 2 96 • 7			94.3 96.8	94 • 3 96 • 8	94.3	94.3 36.8	94.3	94•3 96•8	94.3 96.8
≥ 2500 ≥ 2000	49.9 50.1	95.5 96.2	97.8	97.1 98.1	98.3	97.3 98.5	97.3 98.6	98.6		97.5 98.8			98.9	97.5 98.9	98.9	97.5 98.9
≥ 1800 ≥ 1500	50 • 1 50 • 2		98.4	98.2 98.6	98.8	98.6 99.0			98.8 99.2	99.4	99.0 99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	50 • 2 50 • 2	96.6	98•4 98•4		96.9		99.2 99.4	99.4		99•5 99•6		99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	50 • 2 50 • 3	96.7	98.5		99.0		99.4	99.5	99.6	99.7	$\overline{}$	99.8	99.8	99.8		99.8
≥ 700 ≥ 600	50 • 3 50 • 3	96.7	98.5	98.7	99.0	99.2	99.5		99.7	99.8	99.9	99.9	99.9	99.9	99.9	
≥ 500 ≥ 400	50.3 50.3	96.7 96.7	98.5	98.7	99.0	99.2	99.5	99.6	99.7 99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.6
≥ 300 ≥ 200	50 • 3 50 • 3	9667	-98.5 -98.5	98.7	99.0	99.2	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	00.0	100.0
≥ 100	50.3 50.3		98.5 98.5	98•7 98•:7	99.0 99.0	99•2 99•2	1	99.6 99.6	99.7 99.7					100.0		

TOTAL NUMBER OF DESERVATIONS

TISAE ETAC THAT (LIAS (O) A) serving approach on this army all conducts

CEILING VERSUS VISIBILITY

12810 MACDILL AFB FL

68-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥15	≥1%	≥1	≥ کړ	ود≤	<u></u> ≥ ∿	≥5 16	≥'•	≥0
NO CEILING ≥ 20000	32.6 39.8	59,8 77.5	59.6 77.7	59.8 77.7		59.8 77.7	59 • 6 77 • 7	59 • 8 77 • 7	59.8 77.7	59.8 77.7		59.8 77.7	59.8 77.7	59.8 77.7	59•8 77•7	59.8 77.7
≥ 18000 ≥ 16000	39.8 39.9	77.7 78.0	78.0 78.2	76.0 78.2	78.0 79.2	78.0 78.2	78.0 78.2	78.0 78.2		78.0 76.2	78.0 78.2	78.0 78.2	78.0 78.2		78.0 78.2	
≥ 14000 ≥ 12000	40.5	78.9 82.3	79.1 82.5	79.1 82.6	79.1 82.6	79.1 82.6		79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 32.6	79•1 82•6	79.1 82.6
≥ 10000 ≥ 9000	44.7	89.8 89.8		88.6 90.1	88.6 90.1	88.6 90.1	90.1	98.1	90.1	88.6 90.1	90.1	88.6 90.1	88.6 90.1	88.6 90.1		88.5 90.1
≥ 8000 ≥ 7000	47.6	92.6		92.9 94.3	92.9 94.3											92.9 99.3
≥ 6000 ≥ 5000	47.8	94.9	95.4			95.4	95.4	95.4	95.4		95.4	95.4	95.4	95.4		95.4
≥ 4500 ≥ 4000	48.5 49.0	95.4 96.8	97.3		97.3	97.3	97.3	97.3	97.3	95.8 97.3	97.3	97.3	97.3		97.3	97.3
≥ 3500 ≥ 3000 ≥ 2500	49.2	97.1 97.5	97.6 98.5		98.6	93.6	98.7	98.7	98.7	98.7	98.7	95.7	98.7		98.7	98.7
≥ 2500 ≥ 2000 ≥ 1800	49.7 49.8	98.5 98.7 98.6	99.1 99.4			99.5 99.6	99.6			99.4 99.6 99.7	99.6	99.6	99.4 99.6 99.7	99.4 99.6 99.7	99.6	99.6
≥ 1500 ≥ 1200	49.8	98.9		99.7	99.7	99.7	99.9	99.9		99.9	99.9	99.9	99.0	00.9	99.9	99.9
≥ 1000	49.6	98.9			99.8	99.8	100.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	1
≥ 800	49.8	98.9	99.6			99.8	100.0	100.0	180.0	100.0	100.0	100.0	100.0	100.0] ប្រព្រ ្ធ	100.0
≥ 600	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	160.0
≥ 400	49.8	98.9	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	180.0	100.0	160.0	100.0	100.0	100.0
≥ 200	49.8		99.6	99.8	99.8	99.8	100.0	106.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.6
≥ 0	49.8			99.8												102.0

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC REM 10-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1850-2600

CERING							viS	BILITY IST	ATUTE MIL	ESi	_		•			į
ıf€ēT∙	≥10	≥6	≥\$	≥4	≥3	≥2 つ	≥2	وا≤	≥1′•	≥1	ية خ	≥'n	≥ 7	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	24.5 36.8	41.8 66.7		42.4 67.4	(42.4 67.4	42.4 67.4	42.4	42.4 67.4	42.4 67.4	42.4 67.4		42.4 57.4	42.4 67.4	42.4 67.4	42.4 67.4
≥ 18000 ≥ 16000	36.8 36.9	67.2 67.6				68.5		68.5			58.0 68.5		68.0 68.5		68.0 68.5	66 • C 68 • 5
≥ 14000 ≥ 12000	37.5 39.6	68.8 75.5			69.7 76.3	59.7 76.3	69 • 7 76 • 3	69.7 76.3	69.7 76.3	69.7 76.3	69.7 76.3	69.7 76.3	69.7 76.3		69.7 76.3	69.7 76.3
≥ 10000 ≥ 9000	42.7 43.2	82.6 84.3		83.7 85.4	83.8 85.5	83.8 85.5	83.6 85.5		83.8 85.5	83.8 85.5	83.5 85.5	83.8 85.5	١ .	83.8 85.5	83.8 25.5	83.8 85.5
≥ 8000 ≥ 7000	44.4	87.5 88.2		88.6 39.2		88.7 89.4	68 • 7 89 • 4	88.7 89.4	38.7 89.4		88.7 69.4		88.7 89.4			38.7 89.4
≥ 6000 ≥ 5000	44.6	23.8 39.7	90.8	91.0	91.2		90•Z	91.2	91.2	90.2 91.2		91.2	91.2	91.2		90.2 91.2
≥ 4500 ≥ 4000	44.8	90.5	91.6	92.0	92.3	92.3	92.3	92.3	92=3	92.3	92.3	92.3	92.3	92.3	92.3	
≥ 3500 ≥ 3000	44.9	93.1	94.2	94.7	95.1	95.2	95.2	95.2		93.1 95.2		95.2	95.2		95.2	95.2
≥ 2500 ≥ 2000	45.9 46.0		96.7	97.5	98.0	98.2	98.3	96.9 98.4	98.6	98.7	97.1 98.7			98.8		98.8
≥ 1800 ≥ 1500	46.0 46.0	95.8	97.2	98.1	98.1 98.5	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.4	99.4	99.4	
≥ 1200 ≥ 1000	46.0 46.0	95.9	97.3			98.8	99.2	99.4		99.7	99.7 99.7		99.8	99.8	99.8	
≥ 900 ≥ 800	46.0 46.0	96.0	97.4		98 • 6 98 • 7	98.9	99.4	99.5		99.8	99.8	99.7	99.9	99.9	99.9	
≥ 700 ≥ 600 ≥ 500	46.0	96.U	97.4	98.3	98.7	98.9				99.8 99.8		99.8 99.8	99.9 99.9	99.9	99.9	99.9 99.9
≥ 500 ≥ 400 ≥ 300	46.0		97.4	98.3	1 7 7 2						99.8	99.8	100.0	100.3	100.0	100-0
≥ 200	46.0		9.7 . 4	98.3	98-7	98.9	99.4				99.8	59.8	100.0	100.0	00.0	100.0
2 0	46.0		97.4				97.4			99.8			r			100.0

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC AND -0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE COMPUTED

CEILING VERSUS VISIBILITY

12810 HACDILL AFB FL

65-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							ViS	152: ¥1156	LTUTE MILL							
·fEE1·	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1 7	215	≥1	≥ کی	≥3•	≥~	≥5 16	À: •	≥0
NO CERNG ≥ 20000		69.0	42.5 70.2	,		42.3 70.3		42.3 70.3			42.3 70.3		42.3 70.3			42.3 70.3
≥ 18000 ≥ 16000	57.1 37.2	69.1 59.2			1	70.5	1			70.4 70.5						70-9 70-5
≥ 14000 ≥ 12000	38.3 40.0		75.3	75.4	75.4	75.4		75.4	75.4		75.4	75.4	75.4		75.4	71.9 75.4
≥ 10000 ≥ 9000	43.8		82•2 84•0	84.1	84.1	89.1	84.1	84.1	54.1	84.1	84.1	84.1	64.1		34.1	52.3 54.1
≥ 5000 ≥ 7000	44.7				87.0 87.4	87.4	87.4	87.4	27.4		87.4	87.4	87.4	87.4	57.4	$\overline{}$
≥ 6000 ≥ 5000	44.9		89.0		88.0	89.6		89.6	89.6	89.6		89.6	89.6	89.6	89.5	88.0
≥ 4500 ≥ 4000	45.2 45.3	38.2	91.0			91.2		91.2	91.2	91.2	91.2	91.2		91.2		91.2
≥ 3500 ≥ 3000	45.3	90•1 92•2	94.2			94.5	94.5	94.5		94.6	94.6	94.6	94.6	94.6	94.6	92.5
≥ 2500 ≥ 2000 ≥ 1800	47.0 47.4				97.8		98.2	98.2		98.5	98.6	98.6	98.7	98.7	98.7	96.6 98.7
≥ 1800 ≥ 1500 ≥ 1200	47.4			97.6	98.4	98.4	98.7	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.2	98.8 99.2 99.7
≥ 1000	47.4	94.7	97.4		98.5	98.5	99.0		99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9
≥ 700	47.4		97.4	97.8	98.6	98.6	79.1	99.1	99.1	99.5	99.3	99.8	100.0	100.0	100.0	100.0
≥ 500	97.4	94.7	1	97.8	98.6	98.6	99.1	99.1 99.1	99.1	99.5	99.8	99.8	180.0	152.0	100.0	100.0
≥ 400		94.7	97.4	97.8	98.6	98.6	99.1		99.1		99.2	99.8	100.0	150-5	100.0	00.0
≥ 200	47.4		97.4		98.6	98.6	99.1	–	99.1	99.5		99.8	100.0	100.0	100.0	100.0
2 0									- 1		- 1					100.0

OTAL NUMBER OF OBSERVATIONS

USAF ETAC ALM 0-14-5 (OL A) MENOUS ROPONS OF THIS FORM ARE ORBOLET

CEILING VERSUS VISIBILITY

1281U MACDILL AFB FL 68-7

68-70,73-79 JUL WONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS (LST)

CEILING							VIS	BILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 n	≥2	≥1%	≥14	≥1	≥ 1.	≥ 3/8	≥ 15	≥ 5/16	≥ '∗	≥0
NO CEILING ≥ 20000	33.5 39.9	62.2 77.6			64.1 79.8	64 • 1 79 • 8	64 • 2 79 • 8	64.2 79.8	64.2 79.8	64.2 79.9		64.2 79.9	64.2 79.9	64.2 79.9	64.2 79.9	64 • 2 79 • 9
≥ 18000 ≥ 16000	40.0 40.2		79.4 79.7		80.1 80.4	80 • 1 80 • 4	80.2 80.4	80.2 80.4	80.2 80.4			80.2 80.5	80.2	1		80.2 80.5
≥ 14000 ≥ 12000	40.9 42.4		80.9		81.7 85.1	81.7 85.1	81.7 85.2	81.7 85.2	1		81 · 8 85 · 2	81.8	81.8 85.2			81.8 85.2
≥ 10000 ≥ 9000	45.0 45.3		89.5 90.7		90.2 91.5	90.3	90.3 91.5	90.3 91.5				90.4		90.4	90.4	90.4
≥ 8000 ≥ 7000	46.4	1 1	92.5 93.0		93.3 93.8	93.3 93.8	93.3 93.9	93.4 93.9		93.4	93.4	93.4	93.4 93.9	93.4	93.4	93.4
≥ 6000 ≥ 5000	46.6		93.4		94.3 94.9	94.3				94.4	94.4	94.4	94.4 95.0	94.4	94.4	94.4
≥ 4500 ≥ 4000	46.8					95 • 0 95 • 6	95.1 95.7	95.1		95.1	95.1	95.1		95.1	95.1	95.1
≥ 3500 ≥ 3000	47.0 47.5	1			96.0 97.2	96 6 D			96 • 1 97 • 4	96.1 97.4			96.2 97.4			96.2
≥ 2500 ≥ 2000	47.6	1				98.0 98.7					98.2				98 • 2 99 • 1	98.2 99.1
≥ 1800 ≥ 1500	47.8 47.8	3 [98 • 8 99 • D							99.2	39.2 99.4		99.2
≥ 1200 ≥ 1000	47.9	1		98.5 98.5		99.1	99.4	99.4	99.5			99.6	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	57.9 47.9	1				99.•2 99•2	99.4	99.5 99.5	99.5 99.6		99.7 99.7	99.7	99.7		99.7 99.8	99.7 99.8
≥ 700 ≥ 600	47.9					99 • 2 99 • 2	99.5 99.5	99.6 99.6	99.6 99.6	99.7	99.8 99.8	99.8	99.8 99.9	99.8	99.8 99.9	99.8
≥ 500 ≥ 400	47.9		97.9 97.9	98.6 98.6	99.2 99.2	99.3	99.5 99.5	99.6 99.6	99.7 99.7	99.8 99.8	99.9 99.9	99.9	99.9		99.9 99.9	99.9
≥ 300 ≥ 200	47.9			98.6 98.6		99.3 99.3	- 1	99.7 99.7	99.7	99•8 99•8			100.0			100.0
≥ 100 ≥ 0	47.9				99.2 99.2				99•7 99•7		99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥ه	2:5	≥4	≥3	≥2%	≥2	≥1%	≥1%	≥ı	≥ ⅓	≥%	≥ %	≥5/16		≥0
NO CEILING ≥ 20000	41.2 45.5	75.4 85.3		74-0 84-0	74 • 0 84 • 0	74.0 84.0	74.0 84.0		74.0 84.0		74.0 84.0	74.0 84.0			74 • 0 84 • 0	74 • 1 84 • 1
≥ 18000 ≥ 16000	45.6 45.6	83.5 83.9		84.2 84.5	84.2 84.5	84 • 2 84 • 5	84.2	84.5	84.2 84.5	84 • 2 84 • 5	84 • 2 84 • 5	84.2 84.5	84.2 84.5	84.5	84.2 84.5	
≥ 14000 ≥ 12000	46.5	84.7 87.4		85.4 88.1	85.4 88.1	85.4 88.1	85.4 88.1	85.4 68.1	35.4 88.1	85.4 88.1	85.4 88.1	85.4 88.1	85.4 88.1	85.4 88.1	85•4 88•1	85.5 88.2
≥ 9000	49.4	91.5 92.9		93.5	92.2 93.6	92.2 93.6	92.2 93.6	93.6	92.2 93.6	92.2 93.6	92•2 93•6	92•2 93•6	92.2 93.6	92.2 93.6	92•2 93•6	93.8
≥ 8000 ≥ 7000	50.2 50.3	94.5		95.4		95.0 95.4	95.0 95.4		95.4	95.0 95.4	95.0 95.4	95.4 95.4	95.0 95.4	95.4		
≥ 6000	50.3	94.9	95.9	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2		95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	95.7 96.2	
≥ 4500 ≥ 4000 ≥ 3500	50 • 4 50 • 6 50 • 7	95.4 96.0		96 • 2 96 • 9 97 • 6	96.2 96.9 97.7	96.9	96.2 96.9 97.7	96.2 96.9 97.7	96.9		96 • 2 96 • 9 97 • 7	96.9	96.2 96.9	96.9 96.9	96.2 96.9	
≥ 3000	50.7 51.0	97.0 97.8	97.5		98.1 99.0	97.7 98.1 99.0	98.1	98.1 99.0	97.7 98.1	97.7 98.1 99.0	98.1	97.7 98.1 99.0	97.7 98.1 99.0	98.1	98.1	98.2
≥ 2000	51.3 51.3	98.6	99.2			99.8 99.8		99.8		99.7	99.8 99.8	99.8	99.8	99.8	99.8	99.9
≥ 1500	51.5	98.7	1	99.8	99.9		1		99.9		99.9	99.9	99.9	99.9	99.9	100.0
≥ 1000	51.5	98.7		99.8		99.9		99.9	99.9		99.9	99.9	99.9	99.9	99.9	100.0
≥ 800 ≥ 700	51.5	98 - 7			99.9	99.9				99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	51.5		99.4			99.9	99.9	99.9			99.4	99.9	-	99.9		100.0
≥ 400	51.5 51.5				99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		100.0
≥ 200	51.5 51.5		9964 9964	99.8	99.9	99.9	99.9									100.0
≥ 0	51.5			99.8	99.9	99.9	99.9	99.9	99.9					99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

USAF ETAC JULIA 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY (STA	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥ 2	≥1½	≥114	≥1	≥ ¾	≥ ¾	≥%	≥ 5/16	≥ '4	≥0
NO CEILING ≥ 20000	42.0	81.1	82.7	84.1 88.6	84.3	84 • 4 88 • 9	84.4 88.9	84.4	84.4	84.4 88.9	84.4 88.9	84.4 88.9	84.5 89.0	84.5 89.0	84.5 89.0	84.5
≥ 18000 ≥ 16000	43.9	85.6 86.0	87.2 87.6		88 • 8 89 • 2	88.9 89.4	88.9 89.4	88.9 89.4	88.9 89.4		88.9 89.4	88.9 89.4		89.0 89.5	89.0 89.5	l .
≥ 14000 ≥ 12000	44.6 45.5	86.6	88.2 89.9		89.8 91.5	89.9 91.6	89.9 91.6	89.9 91.6	89.9 91.6		89.9 91.6	89.9 91.6	90.0 91.7	90.0 91.7		
≥ 10000 ≥ 9000	46 • 8 46 • 8	92.0 92.6	93.7	95•1 95•6	95.3 95.8	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.4 95.9	95.5 96.0	95.5 96.6	95.5 96.0	i
≥ 8000 ≥ 7000	47.1 47.3	93.7 94.1	95 • 3 95 • 7	97.1	96•9 97•3	97.0 97.4	97.4		97.4	97.4	97.0 97.4	97.4	97.5		97.1 97.5	97.
≥ 6000 ≥ 5000	47.4 47.4	94.5	96.1 96.3		97.7 98.0	97.8 98.1		97.8 98.1	97.8 98.1		97.8 98.1		98.0 98.2	98.0 98.2	98.0 98.2	98.
≥ 4500 ≥ 4000	47.7	94 • 8 95 • 4	97.0	98.4	98 • 1 98 • 6	98•Z 98•7		98.2 98.7	98.7	98.7	98•2 98•7			98.3 98.8	98.3 98.8	98.
≥ 3500 ≥ 3000	47.8	95.4 95.6		98.6		98.7 98.9			98.7 98.9			_		98.8		99.
≥ 2500 ≥ 2000	47.8 47.8	95.6	_	98.7	98.8	98.9 99.0				99.0			99.1		99.1	99.
≥ 1800 ≥ 1500	48.0 48.0	95.8 95.8	97.4	98.8		99.1 99.1					99.1 99.1	99.1 99.1		99.2 99.2	99.2	99.
≥ 1200 ≥ 1000	48.1	96.0 96.0		99.2					99.6	99.7					99.8	99.
≥ 900 ≥ 800	48.2 48.3	96.1 96.2		99.5	99.7		99.8			99.9	99.9			99.9 100.0	100.0	100
≥ 700 ≥ 600	48.3	96.2 96.2	98.0	99.5	99.7	99.8	99.8	99.8		99.9	99.9	99.9	100.0	100.0	100.0	100
≥ 500 ≥ 400	48.3	96.2	98.0	99.5		99.8	99.8	99.8		99.9		99.9	100.0	100.0	100.0	100
≥ 300 ≥ 200	48.3 48.3		98.0	99.5	99.7		99.8	99.8	99.8	99.9	99.9	99.9		100.0		100
≥ 100 ≥ 0	48.3 48.3	96.2	7-7-		99.7 99.7	99.8 99.8				99.9	99.9 99.9			100.0		f

TOTAL NUMBER OF OBSERVATIONS...

930

LISAF FTAC HEAL 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)				-	-	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1%	≥112	≥1	≥ ¾	≥ ¼	≥5	≥5/16	≥ 5	≥0
NO CEILING ≥ 20000	27.8 29.6	67.0 73.0	71.6 77.8	74.0 80.3	75•8 82•3	76.5 83.0	77.0 83.5	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9	77.3 83.9
≥ 18000 ≥ 16000	29.7 30.0	73.1 73.4		80.4 80.8	82.4 82.7	83.1 83.4	83.7 84.0	84.0 84.3	84.0 84.3	84.0 84.3	84 • D 84 • 3	84.0 84.3	84.0 84.3	84.B 84.3	84.0 84.3	84 • D 84 • 3
≥ 14000 ≥ 12000	31.2 32.5	75.3 78.4	80 • 1 83 • 2	82.6 85.7	84.5 87.6		85 • 8 88 • 9	86 • 1 89 • 2	86.1 89.2	86.1 89.2	86 • 1 89 • 2	86.1 89.2	86 • 1 89 • 2	86 • 1 89 • 2	86.1 89.2	86 • 1 89 • 2
≥ 10000 ≥ 9000	33.1 33.2	81.2 82.0	86.1 87.0	88.7 89.6		92.3		92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	92.3 93.1	93.1	92.3 93.1
≥ 8000 ≥ 7000	34.2	84.9	89.2 89.9	91.8		94 • 5 95 • 2	95 • 1 95 • 7	95•4 96•0	95.4 96.0			95•4 96•0	95•4 96•0	95•4 96•0		
≥ 6000 ≥ 5000	34.2	35.1 85.2		92.6			96.0	96 • 1 96 • 3	96.1 96.3	96.1 96.3	96 • 1 96 • 3	96 • 1 96 • 3	96.1 96.3	96•1 96•3		96 • 1 96 • 3
≥ 4500 ≥ 4000	34.2	85.2 85.2		92.7 92.7				96.3 96.3		96•3 96•3	96 • 3 96 • 3	96.3 96.3	96.3			96.3 96.3
≥ 3500 ≥ 3000	34 • 2 34 • 2	85.2 85.4				95.6							96.6	96.3 96.6		
≥ 2500 ≥ 2000	34.4	85.7 86.0	90.6 91.0	93.7		96.3		96.9		96.9 97.4	96.9	96.9 97.4	97.4	97.4		
≥ 1800 ≥ 1500	34.5	86.3	91.5			97.0	97.8			98.2	98.2	97.8 98.2	98.2		98.2	98.2
≥ 1200 ≥ 1000	34.7	86.6	91.8	94.6		97.3			98•2 98•6				98.7	98.2	98.2 98.7	98.7
≥ 900 ≥ 800	34.7	86.9	91.8	94.6		97.4	98.4		98.6 98.7	98.7	98.8		98.8	98.7 98.8		
≥ 700 ≥ 600	34.7 34.7	86.9 87.0		94.7 95.1	96 • 8 97 • 1	97.8	98.9	98 . 8	98.8	99.2	99.4		99.4	98.9		99.4
≥ 500 ≥ 400	34.7	87.1 87.1		95 • 3 95 • 3		98 • 2	99.4	99.6 99.7	99.6 99.7	99.7	99.8	99.8	99.8			99.8
≥ 300 ≥ 200 > 100	34.7 24.7 34.7	87.1 87.1 87.1	92.3			98.3	99.6	99.9 99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	
≥ 100 ≥ 0	34.7	87.1							, .,		100.0 100.0					100.0

TOTAL NUMBER OF OBSERVATIONS___

930

USAF ETAC XI 44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE CRESCU

CEILING VERSUS VISIBILITY

12519

MACDILL AFB FL

68-70,73-79

AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	BILITY (STA	KTUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	دلاا≤	≥11⁄4	≥1	≥ ½	≥۲۰۹	2 2	≥5 16	≥•	≥0
NO CEILING ≥ 20000	39.2 42.4		74.7 82.2	75.5 82.9	76.5 83.9	76.5 83.9	76.7 84.1	76 • 8 84 • 2	76.8 84.2		76 • 8 84 • 2	76.8 84.2	76.8 84.2	76.8 84.2	76.8 54.2	76 • 8 84 • 2
≥ 18000 ≥ 16000	42.5 42.6		82.4 82.5		84 • 1 84 • 2	84 • 1 84 • 2	84.3 84.4	84.4 84.5	84.4 84.5		84 • 4 84 • 5	84 • 4 84 • 5	84.4 94.5	84.4 84.5	84.4 84.5	84.4
≥ 14000 ≥ 12000	43.3 45.3		83.9 87.1		85.6 88.8	85•6 88•8	85.8 89.0	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1	85.9 89.1		85.9 89.1	85.9 89.1	85.9 89.1
≥ 10000 ≥ 9000	46.6 46.9		90.2 91.0		91.9 92.7	91.9 92.7	92.2 92.9	92•3 93•0	92.3 93.0		92.3 93.0	92.3 93.0		92•3 93•0	92.3 93.8	92.3 93.0
≥ 8000 ≥ 7000	47.2 47.3		92.0 92.4		93•8 94•1	93.8 94.1	94.0		94.1 94.4	94.1 94.4	94 • 1 94 • 4	94.1 94.4	94 • 1 94 • 4	94.1 94.4	94.1 94.4	94.1 94.4
≥ 6000 ≥ 5000	47.5 47.5		92.8 92.9		94.5 94.6	94.5 94.6		94.8 94.9	94.8	1	94 • 8 94 • 9	94.8		94.6	94.8 94.9	94.8
≥ 4500 ≥ 4000	47.5 47.5	91.3	92.9 93.2		94.6	94.6	95.2	1	94.9 95.3	95.3	95.3	94.9 95.3		95.3	94.9 95.3	
≥ 3500 ≥ 3000	47.7 47.8	91.00	93.4	94.7			96.0	96.1	95.5 96.1	96.1	96.1		96.1	96.1	95.5 96.1	96.1
≥ 2500 ≥ 2000	48.2	93.5	94.2 95.7	96.8	98.0		98.4	98.5	96.6 98.5	98.6	98.7	96.6 98.7	98.8			98.8
≥ 1800 ≥ 1500	48.6	93.8	95.7 95.9		98.2	98.2 98.4	98.6	98.8	98.8	99.0	99.1	98.7 99.1	99.2		99.2	99.2
≥ 1200 ≥ 1000	48.6	93.9	95.9 96.0		98.2 98.4	98.4 98.6	98.8		98.8 99.1	99.4	99.5	99.2 99.6	99.7	99.4	99.4	99.7
≥ 900 ≥ 800	48.6		96.0 96.0	97.2		98.6 98.7	98.9		99.1 99.2				99.8	99.7	99.7	99.8
≥ 700 ≥ 600	48.6	93.9	96.U	97.2	98.6	98.7 98.8			99.4	99.6	99.7				99.9	99.9
≥ 500 ≥ 400	48.6	93.9	96.0	97.02		98 • 8 98 • 8		99.4			99.7		99.9			99.9
≥ 300	48.6	93.9		9742	98.6	98 • 8 98 • 8	99.0			99.6	99.8	99.9	100.0	100.0		
≥ 100 ≥ 0	48.6			97.2		98.8 98.8	99.U 99.0			1	99.8 99.8	1		r		100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC AT 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLET

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							VIS	IBILITY (ST	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	21%	≥1¼	≥1	≥ 1,	≥ ¾	≥4	≥5-16	د ≥	>n
NO CEIL'NG ≥ 20000	36.9 45.2	65.2 79.8		66.3 81.0	66.6	66.6 81.2	66.6	66.6 81.2	66.6 81.2	66.6 81.2	66.6	66.6 81.2	66.6 81.2		66.6 81.2	
≥ 16000 ≥ 16000	45.3 45.3	80.1 80.5	80.9 81.1	81.3 81.5	31.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7	81.5 81.7
≥ 14000 ≥ 12009	46.3 47.8	82.4 85.4	83.2 86.2	83.7 86.7	83.9 86.9	83.9 86.9	83.9 86.9	83.9 86.9	83•9 86•9	83.9 86.9	83.9 86.9	83.9 86.9	83.9 86.9	83.9	83.9 86.9	83.9
≥ 10000 ≥ 9000	49.7	89.0 89.4	90.1 90.4	90.5 90.9	90.8 91.1	90.8 91.1	90.8 91.1	90.8 91.1	90 • 8 91 • 1	90.8 91.1	90.8 91.1	90.8 91.1	90.8 91.1		90.8 91.1	90.8
≥ 8000 ≥ 7000	49.9 50.0	90.1 90.5				92.3		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	91.8
≥ 6000 ≥ 5000	50.0 50.0	90.8	92.2	92.3 92.6		92.8			92.8			92.8		92.8		
≥ 4500 ≥ 4000	50.0 50.0	91.4			93.4 93.4	93.4		93.4		93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500 ≥ 3000 ≥ 2500	50 • 1 50 • 2	91.9 93.0	94.4		94.3	95.5		95.5	95.5		95.5	95.5	95.5	95.5	95.5	
≥ 2500 ≥ 2000 ≥ 1800	51.4 51.4		98.0	97.4 98.8				99.5		99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500 ≥ 1500	51.4 51.4	96.5		98.9 99.0	99.5 99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8		99.8
≥ 1000 ≥ 900	51.4 51.4	96.5	98.3			99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800 ≥ 700	51.4	96.6	98.4	99.2		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	51.4	96.6	98.4	99.2		99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	180.0	100.0	100.0
≥ 400 ≥ 300	51.4	96.6	98.4	99.2	99.8	99.8	89.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	51.4	96.6	98 84	99.2	99.8		99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
ž 0	51.4											ł 1	- 1		100.0	

TOTAL HUMBER OF OBSERVATIONS 938

USAF ETAC ALL 44 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AND DESCRIPT

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING				-			VIS	BILITY (ST.	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ಌ	≥2	≥179	≥!'₄	≥1	≥ 1 ₀	و⊷ ≤	≥ '÷	≥5 16	≥.	≥0
NO CEILING ≥ 20000	26.5 40.1	42.5 69.1	42.9 69.7	1.7		43.0 59.8			43.0 59.8			43.0 69.8				
≥ 18000 ≥ 16000	40.8 40.9		71.0		71.1 71.3	71 • 1 71 • 3	71.1 71.3	71.1	71.1 71.3	71•1 71•3	71.1 71.3	71.1 71.3	71.1 71.3	71.1 71.3	71.1 71.3	71.1 71.3
≥ 14000 ≥ 12000	41.5 43.0	1	72.3 76.5			72.4 76.6	72.4 76.6			72.4 76.5	_ : ' ' '	72.4 76.6	1			72.4 76.6
≥ 10000 ≥ 9000	45.6	83.4	84.0	84.2	84.3		84.3	84.3	84.3	84.3	84.3		84.3	84.3	84.3	_
≥ 8000 ≥ 7000	46.0	86.5	86.7 87.2	87.4	87.5	87.0 87.5	87.5	87.5	£7.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 6000 ≥ 5000	46.2	87.4	87.6 88.2	88.5	88.7	88.1 88.7	88.7	88 • 1 88 • 7		88•1 88•7		88.1 88.7			88.7	
≥ 4500 ≥ 4000	46.3	87.7 88.5		89.9	90.1	90.1		90.1	89.0 90.1	90 - 1	90.1	95.1	90.1	90.1	50.1	90.1
≥ 3500 ≥ 3000	46.9 47.6	92.3		91.4 94.0	94.3	94.3	94.4	94.4	91.6 94.5		94.5	94.5	94.5	94.5		
≥ 2500 ≥ 2000	48.4		95.5 96.8	97.7		96•7 98•2					98.8	98.8	96.9 98.8			
≥ 1800 ≥ 1500	48.5	95.6	96.9 97.1	98.1	98.6	98•2 98•8	99.2						99.8		99.8	98.8
≥ 1200 ≥ 1000	48.5	95.7	97.1 97.2	98.2		98.8	99.5			100.0	180.0	100.0	100.0	100.0	100.0	
≥ 900 ≥ 800	48.5		97.2		98.7	98.9 98.9		99.9	100.0	100.0		100,0	109.0	100.0	100.0	100.8
≥ 700 ≥ 600	48.5	95.7	97.2 97.2	95.2	98.7	98.9 98.9	94.5	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	180.9	100.0
≥ 500	48.5	95.7	97.2	98.2	98.7	98.9	99.5	9949	190.0	100.0	100.0 106.0	100.0	100.0	100.0	100.0	130.0
≥ 300 ≥ 200	48.5	95.7	97.2	98.2	98.7	98.9 98.9	99.5	99.9	100.0	100.0	100.0 100.0	100.3	100.0	100.0	0.001	100.C
≥ 100	48.5		97.2 97.2			98.9 98.9		- 1								100.0

TOTAL NUMBER OF OBSERVATIONS...

630

USAF ETAG XII 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1800-5000</u>

CEILING							VIS	BILITY (STA	ITUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥25	≥2	≥15	≥1%	≥1	≥ ¼	≥ 2/9	≥ ⅓	≥ 5/16	≥'4	≥0
NO CEILING ≥ 20000	22.5 35.4	36.5 63.5	36.7 63.9	36.7 63.9	36.7 53.9	36.7 63.9	36.7 63.9	36.7 63.9	36.7 63.9	36.7 63.9	36.7 63.9	36.7 63.9	35.7 63.9	36.7 63.9	36.7 63.9	36.7 63.9
≥ 18000 ≥ 16000	35.4 35.6	63.6 63.9	54.0 64.2	64.0 64.2	64.0 64.7	64.0 54.2	64 • 0 64 • 2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 64.2	64.0 54.2	64.0 64.2	64.0 64.2	1
≥ 14000 ≥ 12000	36.4 38.3	65.6 69.6	65.9 69.9	65.9 69.9	65.9 69.9	65.9 69.9	65.9 69.9		65.9 69.9	_				65.9 69.9		65.9 69.9
≥ 10000 ≥ 9000	42.9	77.6	78.3			78.5 79.8						78.5 79.8	-			
≥ 8000 ≥ 7000	44.9	83.5 85.1	84 • 1 85 • 8	85.9	86.0	84.4 86.0			84.4		86.0	84.4 86.0				
≥ 6000 ≥ 5000 ≥ 4500	45.8 45.8	85.5 86.8	86.2 87.5		87.7	86.4 87.7	86 • 4 87 • 7		86.4		86.4 87.7	86.4			87.7	87.7
≥ 4500 ≥ 4000 ≥ 3500	45.8 46.5 46.7	85.9 89.1 90.4	87.7 89.9	87.8 90.0	87.9 90.1 91.6	87.9 90.1 91.6	87.9 98.1	87.9 90.1 91.6	87.9 90.1	90+1	87.9 90.1 91.7	87.9 90.1 91.7	87.9 90.1		87.9 90.1	87.9 90.1
≥ 3000	47.8 48.3	93.1	94.2	94.4		94.8		94.8		94.8 97.1	94.9	94.9		94.9	94.9	94.9
≥ 2000	48.9 49.0	96.0 96.1	97.4					ריי			93.6		98.6			98.6
≥ 1500 ≥ 1200	49.0	96.4	97.8	98.5		99.0	99.1	99.1	99.1 99.2	99.1 99.2	99.2	99.2		99.2	99.2	99.2
≥ 1000 ≥ 900	49.0	96.5	98.0	98.6		-	99.4	99.5		99.6	99.7	99.7	99.7	99.7	99.8	59.8
≥ 800 ≥ 700	49.0 49.0	96.5	98.0			99.2			99.5				99.8			99.9
≥ 600 ≥ 500	49.0	96.5	98.0	98°6	99.2	99.2			_			99.9			100.0 100.0	
≥ 400	49.0	96•5 96•5	98•0 98•0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.9	180.0	F 1
≥ 200	49.0 49.0	96.5	98.0						99.6			99.9			100.0	
≥ 0	49.0	96.5	98.0	98.6	99.2	99.2	99.5	99.6	99.6	99.8	99.9	99.9	99.9	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC ALIA 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLES

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

68-70,73-79

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING				-			VIS	BILITY (ST	ATUTE MIL	ES)						
(FEET)	≥10	≥ه	≥5	≥4	≥3	≥27	≥2	21%	≥1%	≥1	≥ 1.	≥ >1	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	35.7 44.2	58.4 77.1	58.9 77.5		58.9 77.5	58:9 77:5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5	58.9 77.5
≥ 18000 ≥ 16000	44.5	77.8 77.8		78•2 78•2	78.2 78.2	78.2 78.2	78 • 2 78 • 2	78.2 78.2	78.2 78.2	78•2 78•2	78.2 78.2	78•2 78•2	78.2 78.2	78.2 78.2	78 • 2 78 • 2	76.2 78.2
≥ 14000 ≥ 12000	44.9 46.9	78.3 81.6		78.7 82.3	78•7 82•3		78.7 82.3	78.7 82.3	78.7 82.3	78.7 82.3		78.7 82.3		_	78•7 82•3	78.7 82.3
≥ 10000	50 • 1 50 • 1	88.8	_	88.3 89.4	89.4		88.3 89.4	88.3 89.4	89.4 89.4	88•3 89•4	88•3 89•4	88.3 89.4				89.4
≥ 8000 ≥ 7000	51.4 51.6	92.4		92.5 93.1	92.5 93.1	92.5 93.1		92.5 93.1	92.5 93.1	92.5 93.1	93.1	92.5 93.1	92.5	92.5 93.1	92.5 93.1	92.5
≥ 6000	51.6 52.1		94.9		93.4 95.0	95.0	93.4 95.0		93.4 95.0							93.4
≥ 4500 ≥ 4000 ≥ 3500	52.1 52.3 52.4	94.6 95.4 96.4	1	95.2 96.1 97.2	95.2 96.1			95.2 96.1 97.2	95.2 96.1 97.2	95.2 96.1 97.2	95.2 96.1 97.2	95.2 96.1 97.2	95.2 95.1 97.2	95.2 96.1 97.2	95.2 96.1 97.2	93.2 96.1
≥ 3000	52.9	97.6	97.5	97.7	97.8	97.8	-	97.8		97.8					. –	- 1
≥ 2000	53.3	98 • 1 98 • 2	98.6	• •		98.9		98.9		99.0						99.D
≥ 1500	53.3	98.4	98.7			99.1	99.1 99.5	99.2	99.2		99.5		99.5		99.5 99.8	99.5
≥ 1000	53.6 53.6	98.5 98.5			99.6		99.6	99.7	99.7					99.9		99.9
≥ 800	53.7 53.7	98 • 6		99.5		99.7	99.7	99.8						180.0 180.6		
≥ 600	53.7 53.7	98.6		99.5	99.7		99.7	99.8						100.0		100.0 100.0
≥ 400	53.7 53.7	98•6	99.1	99.5	99.7	99.7	99.7 99.7	99.8	99.8	100.0	1.00.0	100.0	100.0	100.0	100.0	100.0
≥ 200	53.7	98.6 98.6	99.1	99.5	99.7	99.7	99.7	99.8 99.8	99.8	199.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	53.7	98.6	99-1	99.5	99.7	99.7	99.7	99.8	99•8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

926

USAF ETAC 1144 0-14-5 (OL. A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUE

CEILING VERSUS VISIBILITY

1281

MACDILL AFB FL

68-70,73-79

- AU3

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							VIS	BILITY (STA	ATUTE MIL	E5:						
(FEET)	≥10	≥5	≥5	≥4	≥3	≥27	≥2	≥15	≥112	≥1	≥ 3 ₀	≥ >9	5.2	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	34.0 40.8	62.2 76.5	63.4 77.8	64.0 78.5	64.5 75.9	64.6	64.7 79.1	64.7	64.7 79.2	64.7 79.2	54.7 79.2	64.7 79.2	64.7 79.2	64.7 79.2	64.7 79.2	64.7 79.2
≥ 18000 ≥ 16000	40.9 41.1	76.9 77.1	78.2 78.4	78.8 79.1	79.3 79.5	79.4 79.6	79.5 79.7	79.5 79.8	79.5 79.8		79.5 79.8	79•5 79•8	1	79.5 79.8	79.5 79.8	
≥ 14000 ≥ 12000	41.8	78.3 81.5	79.7 82.8		80.8 84.0	80.9 84.1	81.0 84.2	81.0	81.0 84.2	84.2	84.2	84.2	84.7	81.0 84.2	84.2	84.2
≥ 10000 ≥ 9000	45.5 45.6	87.2	87.7 88.6	88.5 89.3	89.8		89.1 90.0	89.2 90.0	89.2 90.0	90.0		90.0	90.1	89.2 90.1	20.1	90.1
≥ 8000 ≥ 7000	46.4	89.2 89.8		91.5 92.1	91.9 92.5	92.0 92.6		92.2	92.2 92.8				92.8			92.8
≥ 6000 ≥ 5000	46 • 6	90.2 90.7		92.4 93.0		93.0 93.6	93.1 93.7	93.1 93.7	93.1 93.7	93.1 93.7	93.7	93.7			93.1 93.7	95.5
≥ 4500 ≥ 4000 ≥ 3500	46.7 46.9 47.1	90.9 91.5	92.4 93.1 93.8	93.9 93.9	93.6 94.3 95.1	93.7 94.5 95.2	93.8 94.6 95.3		93.9 94.6 95.4	94.5	94.6	94.6	93.9 94.6	93.9 94.6 95.4	94.6	94.6
≥ 3000	47.4	93.1	94.8	94.6 95.7 96.8	96.2	96.4	96.5	96.5 97.7	96.5 97.7	96.5		96.6	95.4 95.6 97.8	96.6 97.8	95.6	95.5
≥ 2000	48 £	94.9 95.0	96.7	97.8		98.5 98.6		98.8	98 · 8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	48.1	95.2 95.3	97.S		98.7 98.8	98.9	99.1	99.2	99.2	99.3	•			99.4	99.4	99.4
≥ 1000	48.2			98.3		99.1	99.3	99.5	99.5	99.6	99.7		99.7	59.7	99.7	
≥ 800 ≥ 700	48.2	95.4 95.4	97.2 97.2	98.3 98.3	99.0		99.4	99.6	99.6	99.7	- 1	99.8	99.8	99.8	99.8	99.8
≥ 600	48.2			98.4 98.4	99.1 99.1	99.2	99.5	99.7	99.7		99.8	99.9	99.9	99.9	99.9	
≥ 490 ≥ 300	48.2	95.4	9763 9763	98.4 98.4	99.1 99.1	99.3	99.6	99.7	99.8						99.7	100.0
≥ 200	48.2	95.4 95.4		98.4 98.4	99.1 99.1	99.3 99.3	99.6		99.8		_				100.0	
≥ 0	48.2	95.4	97.3	98-4	99.1	99.3	99.6	99.8	99.3	99.9	99.9	99.9	100.0	100.0	100.0	106.6

TOTAL NUMBER OF DESERVATIONS____

USAF ETAC ANAM 0-14-5 (OL A) PREVIOUS SOTTONS OF THIS FORM AND ORSOLE

CEILING VERSUS VISIBILITY

12810

(

MACDILL AFE FL

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING	_						VIS	B'LITY (ST.	ATUTE MILE	5)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 7	≥2	وزا≤	≥11/2	≥1	≥ 1₀	≥4,	≥~	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	52.5 55.5	77.5 83.8	78.6 85.1	78.6 85.1	78.5 85.1	78.6 85.1	78 • 6 85 • 1	78.6 85.1	78.6 85.1	78.5 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.6 85.1	78.5 85.1
≥ 18000 ≥ 16000	55 • 8 55 • 8	84.1 84.1	85.4 85.4	85.4 85.4		85.4 85.4	85 • 4 85 • 4	85.4 85.4	85•4 85•4	85.4 85.4	85 • 4 85 • 4	85.4 85.4	85,4 85.4	85.4 85.4	85.4 85.4	85.4 85.4
≥ 14000 ≥ 12000	56•3 58•3	84.6 87.4	86.0 88.8	86.0 88.8		86.D 88.8		86.0 88.8	36.0 38.8	86.0 88.8	86.0 88.8	86.0 88.8	85.0 88.8	· 1		86 • 8
≥ 10000 ≥ 9000	50 • 5 60 • 7	92.2 92.9	93.5 94.2	93.5 94.2		_ ` ` `		93.5 94.2		93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2	93.5 94.2	!	93.5 94.2
≥ 8000 ≥ 7000	61.6	94.0 94.2	95.3 95.6	95.3 95.6					95.3 95.6	95.3 95.6	95.3 95.6	95•3 95•6	95.3 95.6	95•3 95•6		95•3 95•6
≥ 6000 ≥ 5000	61.7 62.2		95.8 96.2	_ 1 7 7			95•8 96•2	95.8 96.2	95.8 96.2	95.8 95.2	95.8 96.2	95.8 96.2	95.8 96.2	95•8 96•2	95.8 96.2	95 • 8 96 • 2
≥ 4500 ≥ 4000	62.3 62.4			97.3	97.3	97.3	97.3			96•3 97•3	96.3 97.3	96•3 97•3	96.3 97.3	96.3 97.3		96.3 97.3
≥ 3500 ≥ 3000	62.7 62.7				98.4		98.4		97.7 98.4		97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4	97.7 98.4
≥ 2500 ≥ 2000	62.8 63.0	97.0 97.3	98.6 99.0	99.G	99.0	99.0	99.0				99.0					98.6 99.0
≥ 1800 ≥ 1500	63.0 63.1	97.3 97.6	99.0	99.3	99.3	99.3				99.0 99.3	99.0	99.3	99.3		99.3	99.0 99.3
≥ 1200 ≥ 1000	63.2	97.7 97.8		99.6	99.6	77.6							99.4			99.4 99.6
≥ 900 ≥ 800	63 • 3 63 • 7	97.8		100.0	105.0	100.0	100.0	100.0	100.0		100.0	100.0	100.0		100.0	
≥ .w ≥ 600	63.7		99.9	100.0	100.0	100.0 100.0	180.C	100.0	100.0	100.0	189.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	63.7	98.2	99.9	100.0	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	63.7		99.9	100.0	100.0	100.0 188.0	180.C	100.0	100.0	100.0	100.0	100.0	100.0	130.0	100.0	100.0
≥ i00 ≥ ÷	63.7 63.7	98.2 98.2				100.0										

TOTAL HUMBER OF OBSERVATIONS 895

USAF ÉTAC ARM 0-14-5 (OL A) - MEVIOUS EDITIONS OF THIS FORM AND CONSOLET

CEILING VERSUS VISIBILITY

12810 KA

MACDILL AFB FL

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES:						
(FEET)	≥10	≥0	≥5	≥4	≥3	≥2⅓	≥2	≥1%	≥116	≥ 1	≥ :•	≥ >	≥ ½	≥5,16	≥ •	≥0
NO CEILING ≥ 20000	42.2 45.1		70.7 79.7	71.7 81.0	1			72.9 82.3			_			72.9 82.3		72.9 82.3
≥ 18000 ≥ 16000	45.2 45.2		79.9 80.2			82.2 82.6		82.6			82•6 82•9	82.6 82.9		1	82.6 82.9	
≥ 14000 ≥ 12000	46.0 47.4		82.1 84.2					84.9 87.8			84.9 87.0				7	
≥ 1000C ≥ 9000	49.6		88.7 88.7		91.2 91.2			91.8 91.8			91.8 91.8				91.8 91.8	
≥ 8000 ≥ 7000	49.9 50.0		89.7 90.1	91.8		92.9	93.2	93.2	92.8 93.2	92•8 93•2				92.8 93.2		92.8 93.2
≥ 6000 ≥ 5000	50 • 1 50 • 1	88•4 88•6	90•3 90•5		• •	93.1 93.3	93.4 93.7	1	93•4 93•7	93.4 93.7		93.4 93.7		93.4 93.7	93.4 93.7	93.4 93.7
≥ 4500 ≥ 4000	50 • 1 50 • 6		90.6 91.3				94.4		93.7 94.4	93.7 94.4		93.7 94.4	93.7 94.4	93.7 94.9		
≥ 3500 ≥ 3000	50.7 50.7	89.7 98.0	91.7 92.0		94.6	94.4	94.8 95.1	94.8 95.1	94.8 95.1	94.8 95.1	94.8 95.1	94.8 95.1	94.8 95.1		94 • 8 95 • 1	94.8 95.1
≥ 2500 ≥ 2000	50.7 51.0		92.7	93.9	95.2	95 • 8 95 • 4	95.3 95.8		95.3 95.8						95.3 95.8	
≥ 1800 ≥ 1500	51.3 51.7	91.4	93.0 93.6	95.2				96.9	96.2 96.9		96.9	95 • 2 96 • 9		96.9	95.9	
≥ 1200 ≥ 1000	52.0	92.7		96.8	98.D		98.5	98.7	98∙8	98.6	98.8		98.8	98.8	98.8	98.8
≥ 900 ≥ 800	52.0 52.1	93-1	95.2 95.6	97.3	98.6		99.1	99.2	99.4	99.4	99.4		99.4	99.4	99.4	99.4
≥ 700 ≥ 600	52.1 52.1	93.1	95.6 95.6	97.3		98.9	99.2	99.3	99.6	99.6	99.6	99.6		99.5		99.5
≥ 500 ≥ 400	52.1 52.1	93-1	95.6	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.8	99.9	180.0	180.0	100.0	100.0
≥ 300	52.1 52.1	93 01	95.5	97.4	98.8	99.1	99.4	99.7	99.9	99.9	99.9	59.9	100.0	100.0	130.0	80.0
≥ 100 ≥ 0	52.1 52.1			97.4 -9.7.4				99.7 99.7		99.9	99.9	- 1			100.0	

ATAL MILLETT OF ABOTTLEATIONS 9

LISAF FTAC #1 44" 0-14-5 (OL A) servous sortions of this folial and oncur!

90

CEILING VERSUS VISIBILITY

12813

MACDILL AFB FL

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (ST.	ATUTE MILI	ESi					`	
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	21%	≥1′4	≥1	هڏ ≼	≥'n	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	31.3 33.0	65.0 69.2	67.6 73.8			75 • C		75.7 50.2	75.7 89.2		75.8 50.3	75.8 30.3	75.8 80.3	75.8 80.3	75.8 80.3	
≥ 18000 ≥ 16000	33.2 33.3	69.4	74 - 1 74 - 4	77.1	79.4	79.7	80.3	80.6	80.6	80.7	80.7 81.0	80.7	80.7	89.7	80.7	80.7
≥ 14000 ≥ 12000	33.8	70.4	75.2	78.2 80.3	80.6	80.8	81.4	81.7 83.8	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.6
≥ 10900 ≥ 9000	36.6 36.6		82.0	85.9	88.2	28.6		89.7 99.3	89.7	89.8	89.8	89.8 90.4	89.8	89.8	89.8 90.4	89.8
≥ 8000 ≥ 7000	36.9 36.9	78.7 78.9	84.2	88.1	90.4	99.8	91.8	92.0 92.3	92.0	92.1	92.1 92.4	92.1	92.1	92.1	92.1	92.1
≥ 6000 ≥ 5000	37.3	79.3 79.4	85.0	89.0 89.1		91.7	92.7	92.9 93.6	92.5	93.0	93.0					
≥ 4500 ≥ 4000	37.3 37.3	79.4	85.1	89.1	91.4	91.8	92.8 93.1	93.G	93.D	95.1	93.1		93.1	93.1	93.1 93.4	93.1
≥ 3500 ≥ 3000	37.6 37.9	80.1 80.7	85.9 86.4	59.9	92.2		93.6 94.1		93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500 ≥ 2000	37.9 38.0	80.7 81.1	86.4 86.9	90.4		93.1	94.1	94.3	94.3	94.4	94.4	94.4	34.4	94.4	94.4	94.4
≥ 1800 ≥ 1500	38.1 38.1	81.2	87.0	91.0		93.7		95.0		95.1	95.1	95.1 95.3	95.1	95.1	95.1	95.1
≥ 1200 ≥ 1000	38.2 38.3	81.9 82.1	88.0	92.0		95•2	95.3	96.6	96.6		96.7		95.7	96.7	96.7	96.7
≥ 900 ≥ 800	38.3	82.7	88.9	93.3	96.1	95.4	97.6	97.8	97.8	_	97.9	97.9 98.2	97.9	97.9		97.9
≥ 700 ≥ 600	38.3	83.2 83.2	89.4	93.6		97.1	98.2	98.4	98.4	98.6	98.6	98.6	98.5	98+6	98•6	98.6
≥ 500 ≥ 400	38.3 38.3	83.4	89.9	94.0	97.3	97.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300 ≥ 200	38.3 38.3	83.4	89.9	94.0	97.ō		99.2	99.6	99.6	99.7	99.7		99.8	99.8		99.8
≥ 10C ≥ 0	38.3	83.4	85.9	94.0	97.5		99.3		99.8	99.9	99.9	99.9	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS....

90

USAF ETAC MAM 0-14-5 (OL A) PRIVIDES EDITIONS OF THIS FORM ARE ORDIGET

CEILING VERSUS VISIBILITY

12610

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HACDILL AFB FL

67-75,73-78

6300<u>-050</u>9

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY (ST	ATUTE MILI	ES.						
(FEET)	≥10	≥6	≥5	≥4	≥3	222	≥2	≥15	≥1%	≥1	≥ 1/4	ود خ	≥ >	25 10	≥ •	≥0
NO CEILING ≥ 20000	46.2	78.5 82.2	81.0 84.7	81.2	81.3 85.0		81.3 85.0	81.3		81.3 85.0	81.3 85.0	51.3 85.0	81.3 85.0	81.3	81.3	81.3 85.0
00051 ≤	47.7	82.6	85.0	85.2	85.3	65.3	85.3	a5.3	85.3	85.3	85.3	85.3	85.3	85.3	55.3	85.3
≥ 14000 ≥ 12000	48.8	83.8	85.1	86.4	86.6	86.6	85.4	86.6	56.6	86.6	86.6	86.6	86.6	86.6	36.6	85.4
≥ 10000 ≥ 9000	50.3	90.1	92.5	92.8		93.0	93.0	93.0	89.1 93.0	89•1 93•0		93.9	93.0	_		89.1 93.0
≥ 8000 ≥ 7000	52.6	91.0		93.7	93.9	93.9	93.9	93.9	93.5	93.2 93.9		93.9	93.9	93.9	93.2	93.9
≥ 6000 ≥ 5000	52.6 53.0	91.3 91.9		94.6	94.8	94.8	94.8	94.8	94.2	94.2 94.5	94.8		94.8	94.8	94.8	94.8
≥ 4500 ≥ 4000	53.4 53.7	92.7	95.1 95.3	95.3 95.6	95.8	95.8	95.6 95.8		95.8	95.8	95.8	95•3		95.6 95.8	95.8	95.6 95.8
≥ 3500	53.9 53.9	93.5	96.2	96.3 96.6	96.8	96.6	95.8	96.8		96.6 96.5			95.6 96.8			
≥ 3000 ≥ 2500	53.9 54.1	93.9		96.9		97.1 97.4	97.1 97.4			97.1 97.4	97.1	97.1 97.4	97.4	97.1 97.4	97.1 97.4	97.1 97.4
≥ 2000	54.3 54.7	94.8		97.4		97.7 98.0	97.7 98.0	97.7 98.0		97.7 98.0		97.7 98.0	97.7			97.7 98.0
≥ 1500 ≥ 1200	54.8	94.9	97.5 97.8	97.9 98.1	98.1 98.4	98•1 98•¥	93.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4	98.1 98.4		98.1 98.4	98.1 95.4
≥ 1000 ≥ 900	54.8 55.0	95.4	98.0 98.3	98.3 98.8	95.7		98.7 99.1	98.7 99.1	95.7 99.1	98.7 99.1	98.7 99.1	96.7	98.7 99.1			
≥ 800 ≥ 700	55.3 55.4	95.9		99.2	99.6	99.6		99.6	99.6	99.6	99.5		99.5	99,5	99.5	1
≥ 600 ≥ 500	55.4	96.1			99.5	99.8	99.8	99.5	99.8		99.8			99.8	99.8	i
≥ 400	55.4	96.1 96.1		99.4	99.8	99.8	99.8	99.8		99.8	99.8	99.8	99.8	99.8	99.8	99.3
≥ 200	55.4	96.1	59.0	99.5	99.9	100.0	160.0	100.0	130.0	100.0	100.0	100.0	100.0	100-9	100.0	198.0
≥ 100	55.4 55.4	96.1 96.1		99.6 99.6		100.3 100.0									100.0	1

TOTAL NUMBER OF OBSERVATIONS_____

90

USAF ETAC 2544 0-14-5 (OL A) memous somoid of this folial and onstate

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

- AONTA

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING			· · · · · · · · · · · · · · · · · · ·				VIS	IBILITY (STA	ATUTE MIL	E\$)]
/FEET	≥10	≥6	≥5	≥4	≥3	≥2.4	≥2	≥≀%	≥1'4	ا≾	≥ 34	≥ 2-9	≥ '3	≥ 5-16	≥ ′⊌	≥0
NO CEILING ≥ 20000	44.1 50.7	65.0 78.7	65.7 79.4	65.9 79.8	65.9 79.8		65.9 79.8	65.9 79.8	65.9 79.8	65.9 79.8	65.9 79.8	65.9 79.8	65.9 79.8		65.9 79.8	65.9 79.8
≥ 18000 ≥ 16000	51.0 51.1	78.9 79.7	80.4	80.U 80.8	80.8	80.8			88.8	80.8	80.0 80.8	80.0 80.8	80.08	80.0 80.8	80.8	
≥ 14000 ≥ 12000	52.1 53.8	81.0 84.2	81.9 85.2		82.3 85.7	85.7	85.7	82.3 85.7	82•3 85•7	85.7		85.7	85.7	82.3 85.7	85.7	85.7
≥ 10000	57.1 57.2	89.1		90.7		90.8	90.7	90.7	90 • 7 90 • 8	90.7 90.8	90.7 90.8		90.7 90.8	90.7 90.8	90.7 90.8	90.7
≥ 8000 ≥ 7000 ≥ 6000	57.8 58.1	90.9	92.7	92.6 93.1	92.6	93.1	92.6	92.6 93.1	92.6 93.1	92.6 93.1	92.6 93.1	92.6 93.1	92.6 93.1	92.6	92.6 93.1	92.6 93.1
≥ 6000 ≥ 5000 ≥ 4500	3.4 58.8 59.0	91.9 92.4 92.7		93.8 94.3	93.8 94.3 94.6	94.3	93.8 94.3 74.6		93.8 94.3	93.8 94.3 94.6	93.8 94.3	93.8 94.3	93.8 94.3	93.8 94.3 94.6	93.8 94.3 94.6	93.8 94.3 94.6
≥ 4000	59.3 59.6	93.2	94.7		95.1 95.8	95 • 1 95 • 8			95.1 95.8	95.8 95.8	95.1 95.8	95.1	95.1 95.8	95.1 95.8	95.1 95.8	95.1 95.8
≥ 3000	60.6	95.2	96.7			97.1 98.1	97.1 98.2	97.1	97.1 98.2		97.1 98.2	97.1	97.1			
≥ 2000	60.9	96 • 8 97 • 0		98.8	98 • 8 99 • 0		98.9 99.1	98.9	98.9 99.1	98.9 99.1	98.9			98.9	98.9	98.9 99.2
≥ 1500	61.0	97.1 97.3	98.7	99.1 99.4		99.4	99.2		99.2 99.7	99.2 99.7	99.3 99.8					99.3 99.8
≥ 1000 ≥ 900 ≥ 800	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	61.1 61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	61.1 61.1	97.4 97.4 97.4	99.0	99.6	99.6	99.6	99.7 99.7 99.7	99.9 99.9	99.9 99.9	99.9	100.0 100.0	100.0	100.0	100.0	100.0	100.0
2 300 2 200	61.1	97.4	99.0	99.6	99.6	99.6	99.7	99.9		99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	61.1	97.4 97.4	99.0	7.6	99.6	99.6	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS 908

LISAE ETAC HILLA De 14-5 (OL A) MENOUS ECHICAIS OF THIS FORM AND ORIGINAL

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	BILITY (ST.	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2%	≥2	≥1½	≥1'4	≥1	≥ ¾	≥ ¾	≥%	≥5/16	≥ %	≥0
NO CEILING ≥ 20000	35.4 44.6	51.9 70.7		52.6 71.6		52.7 71.7	52.7 71.8	52.7 71.8	52.7 71.8	52.7 71.8	52.7 71.8		52.7 71.8	52.7 71.8	52.7 71.8	52.7 71.8
≥ 18000 ≥ 16000	44.8 44.8	- 1				72.1				72.2 72.4	72.2 72.4					72.2 72.4
≥ 14000 ≥ 12000	46.8 48.7	73.7 76.3			74.7 77.3	74.7 77.3				74.8 77.4		-		74.8 77.4		74.8 77.4
≥ 10000 ≥ 9600	52.2 52.4	83.8				84 • 2 84 • 8		84.3		84.9	24.9	-		84.9	84.9	84.9
≥ 8000 ≥ 7000	53.6 53.9				88.3	87.7 88.3				85.4			88.4	88.4	88.4	83.4
≥ 6000 ≥ 5000	54 • 4 54 • 8	88.7	88.3 88.9		89.8	89.1 89.8		89.9		89.2 89.9	89.2 89.9				89.9	89.9
≥ 4500 ≥ 4000	55.4 55.9	90.4			91.8		92.0	92.0		92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500 ≥ 3000	56.6 56.6	94.0		93.0 95.8	95.9			96.2			93.3 96.2	96.2	96.2	96.2	96.2	95.2
≥ 2500 ≥ 2000	56.9 57.6	96.6	97,2		98.9	-	99.3	99.3	99.3		99.3	99.3	99.3		99.3	99.3
≥ 1800 ≥ 1500	57.6	96.6 96.6	97.2	98.7	_	99.0		99.3			94,3	99.3	99.3	99.3	49.3	99.3
≥ 1200 ≥ 1000	57.6	96.7	97.3	98.8	99.2		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900 ≥ 800	57.6 57.7	96.8	97.4	98.9	99.3	99.4	99.8		99.8			99.8	99.8			
≥ 700 ≥ 600	57.7 57.6		97.6	99.0		99.6		99.9	99.9	99.9	99.9	99.9	99.9	97.9	99.9	
≥ 500 ≥ 400	57.9 57.9	97.0	97.7	99.1		99.7	100.0	100.0	100.0	100.0	100-0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	57.9 57.9	97.0	97.7	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	57.9		97.7					l .		6.		•		•	ı	100.0

TOTAL NUMBER OF OBSERVATIONS 91

USAF ETAC JULIA 0-14 5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

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MACDILL AFB FL

67-70,73-78

- 25 b

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

<u> 1800-5000</u>

CEILING							VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2⅓	≥2	≥177	≥1%	≥ 1	≥ 3,4	, \$	≥ %	≥5/16	≥ '•	≥0
NO CEILING ≥ 20000	32 • 1 42 • 7	49.7 67.4	49.8 67.6	50.0 67.8		50.3 68.2	50.3 68.2	50.3 68.2	50•3 68•2	50°3 68°2	50 • 3 68 • 2	50.3 68.2	50.3 68.2	50.3 68.2	50.3 68.2	50.5 68.2
≥ 18000 ≥ 16000	42.8 42.9	67.8 67.9	67.9 68.0	68 • 1 68 • 2		68.5 68.7	68.6 68.7	68.6 68.7	68•6 68•7	68.7		68.6 68.7	68.6	68.6 68.7	68.6 68.7	68.6 68.7
≥ 14000 ≥ 12000	45.8	73.8	70.2		70.9 74.6	70.9			70.9 74.6			70.9 74.6		74.6		70.9 74.6
≥ 10000 ≥ 9000	51.4	83.7	83.4 84.4		84 • 4 85 • 2									64.4 85.2		
≥ 8000 ≥ 7000	53.7 54.1	87.6 88.7	87.9 89.0	88.3		89.0 90.1					89.0 90.1		90.1		90.1	
≥ 6000 ≥ 5000	54 • 8 54 • 8	90.3	89.9 90.7	90.3	91.8	91.0 91.8					91.8	91.8	91.8	91.8	91.8	91.8
≥ 4500 ≥ 4000	55 • 1 55 • 4	90.9	91.2	91.7 93.1	92.3 93.8	92.3 93.8	93.8	93.8				93.8	93.6	93.8		93.8
≥ 3500 ≥ 3000	55.6 56.2	92.6				94.3 96.6	96.7	94.4 96.7						96.7		96.7
≥ 2500 ≥ 2000	56 • 6 57 • 2	95.4	96.0 97.2	96.9 98.1	98.8	97.6 98.8	99.0					97.7 99.5	99.0	99.0	97.7	
≥ 1800 ≥ 1500	57.2 57.2	96.4				98•8 99•1	99.3	99.3		99.4	99.4		99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000	57.3 57.3	97.0 97.1	97.8	98.5	99.7	99.6	99.9	99.9		100.0	100.0	100.0	100.0	100.0		100.0
≥ 900 ≥ 800	57.3 57.3	97.1 97.1		98.9	99.7	99.7	99.9		99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	57.3 57.3	97.1 97.1	97.9	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	57.3 57.3	97.1 97.1		98.9	99.7	99.7	99.9	99.5	99.9	100.0	100.0	100.0	100.0	100.8	100.0	100.0
≥ 300 ≥ 200	57.3	97.1 97.1	97.9 97.9	98.9	99.7	99.7 99.7	99.9	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	0.00
≥ 100 ≥ 0	57.3 57.3	97.1 97.1		78.9 98.9		99.7 99.7					100.0 100.0		r			

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC IN ME 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLE

CEILING VERSUS VISIBILITY

12610

MACDILL AFB FL

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (ST	ATUTE MIL	ESı						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'ז	≥2	≥1%	≥ויו	≥1	≥ ¼	≥¾	≥ 15	≥5/16	≥ .	≥0
NO CEILING ≥ 20000	44.Ŭ 50.4	63.9 7:.6	63.9 74.6	63.9 74.6	63.9 74.6	63.9 74.6	53.9 74.6	63.9 74.6	63.9 74.6	63.9 74.6	_ '				63.9 74.6	63.9 74.6
≥ 18000 ≥ 16000	50 • 8 50 • 9	75.0 75.1	75.0 75.1	75 • C 75 • 1	75.0 75.1	75.0 75.1	75.0 75.1	75.0 75.1	75.0 75.1	75.0 75.1	75.0 75.1	'				75.0 75.1
≥ 14000 ≥ 12000	51.9 54.3	76.8 80.4	80.4						76.8 89.4		76 • 8 80 • 4			80.4		80.4
≥ 10000 ≥ 9000	58.6 58.8	88.0 88.9								88.9		88.9	86.9	88.9	88.9	88.9
≥ 8000 ≥ 7000	59.8 60.2	91.4		91.8 92.2		92.3	92.3			92.3			92.3	52.3	92.3	92.3
≥ 6000 ≥ 5000	61.0	92.7		93.8	93.1	93.9	93.9					93.9	93.9	93,9	93,9	93.9
≥ 4500 ≥ 4000	61.2	94.3	94.6	94.7	94.9	94.9	94.9	94.9		94.9		95.9	94.9	94.9	94.9	94.9
≥ 3500 ≥ 3000	61.7	95.2 97.0	97.3	97.6	95.8 97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2500 ≥ 2000	62.4 63.0	97.6 98.4	_		98.4 99.3	99.3		98 • 6 99 • 4 99 • 6		99.4		98.6	99.4		98.6 99.4 99.6	99.4
≥ 1800 ≥ 1500 ≥ 1200	63.0 63.1	98.4 98.8		99.2	99.4	99.4	99.6			99.6		99.6	99.6	99.6	99.6	99.0
≥ 1000	63.1	98.6		99.6		99.8	99.9	99.9	100.0	100.0	100.0	109.0	100.0	100.0	100.0	100.0
≥ 800 ≥ 700	63.1 63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	<u> 101. 0</u>	100.0	100.0
≥ 600 ≥ 500	63.1		99.2	99.6	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	63.1	98.8	99.2	99.6	99.8	99.8	99.9	99.9	100.0	180.6 100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200 ≥ 100	43.1	98 68	99.2	99.6	9948	99.8	99.9	99.9	100.0	160.0	100.0	106.0	100.0	100.0	100.0	1
≥ 0	63.2	,		.99.6						105.0						

TOTAL HUMBER OF OBSERVATIONS__

900

TISAE ETAC FORM 0-14-5 (OL A) REPVOUS EDITIONS OF THIS FORM ARE DISCUS.

CEILING VERSUS VISIBILITY

12610 MACDILL AFB FL STATION NAME

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL POURS (LS.)

CEILING							VIS	BILITY (STA	ATUTE MIL	E\$1	•					
(FEET)	≥10	≥6	≥5	≥4	≥3	בי2 ב	≥2	≥1'7	≥1'4	≱ 1	≥ کو	دد≤	≥ '>	≥5/15	≥ .	≥0
NO CEILING ≥ 20000	41.0	65 • 1 75 • 6	66.4 77.0	67.1	67.5 78.1	67.5 75.2		67.7	67.7 78.4		67.7 78.4		67.7 78.4	67.7 78.4	67.7 78.4	67.7 78.4
≥ 18000 ≥ 16000	46.4	75.9		78.0	78.5 78.7	78.5 78.6	78.7	78.7 79.0	78.7 79.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 14000 ≥ 12000	47.4	77.6	79.5	79.8	80.3 83.1	80.3 83.2	80.5	80.5 83.3	80 · 5 83 · 3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 10000 ≥ 9000	52.3	86.2		88.7 89.1	89.2	89.2 89.7	89.4	89.4	89.4	89.4	89.4		89.4	89.4 89.9	89.4	89.4
≥ 8(-00) ≥ 700C	53.2	<u>.6</u> 89•0	90.2	91.1	91.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
≥ 600C ≥ 500)	53.9	89.5	91.2	92.2	92.7	92.8	93.0	93.D	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500 ≥ 4000	54.3	90.0 90.3 91.0	92.1	92.7 93.0		93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9		93.9	93.9
≥ 3500 ≥ 3000	54.7 55.0	91.6	93.4	93.8 94.4 95.7	95.0		95.3		95 • 3	95.3		95.3	95.3	95.3	95.3	
≥ 2500 ≥ 2000	55.2 55.6	93.2	95.2	96.3	96.8	96.9 97.7	97.2	97.2	97.2	97.2		97.2	97.2	97.2	97.2	97.2
≥ i800 ≥ 1500	55.7 55.8	94.1	96.0	97.2		91.8	98.1		98.2	98.2		98.2	98.2	98.2	98.2	98.2
≥ 1200 ≥ 1000	55.9 55.9	94.6	96.6	97.8		98.6	98.9	98.9		98.9		99.0	99.0	99.0	99.0	99.0
≥ 900 ≥ 800	56.0 56.1	94.8	96.9	98.1	93.5	99.0	99.3	99.3	99.4	99.4		99.4	99.4		99.4	99.4
≥ 700 ≥ 600	56 • 1 56 • 1	95.1	97.2 97.2	98.4	99.2		99.5	99.6	99.7	99.7	99.7	99.7	99.7		99.7	99.7
≥ 500 ≥ 400	56.1 56.1	95.2	97.3		99.3	99.4	99.7	99.8	99.8	99.8		99.8	99.9	99.9	99.9	99.9
≥ 300 ≥ 200	56 • 1 56 • 1	95.2		98.5		99.5	99.8	99.9	59.9	99.9		99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	56 • 1 56 • 1	95.2	97.3 97.3	98.5	99.3	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL'A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING							VIS	BILITY (STA	ATUTE MIL	ESı						
(FEET)	≥10	≥6	≥\$	≥4	≥3	22%	≥2	≥1%	یار≤	≥1	≥ ¼	≥ ¼	≥1/2	≥5/16	≥ '•	≥0
NO CEILING ≥ 20000	48.8 49.8	74.4 77.5	75.1 78.2	75.2 78.4	75.2 76.4	75.2 78.4	75.2 78.4		75.Z 78.4	75.2 78.4	75.2 78.4	75.2 78.4	75.2 78.4	75.2 78.4	75•2 78•4	1
≥ 18000 ≥ 16000	49.8 49.8	78.1 78.1	78.7 78.7	78.9 78.9	78.9 75.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9		78.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9	78.9 78.9	
≥ 14000 ≥ 12000	50.6 51.9	79.2 81.0	79.9 81.5	80.1 81.8	80.1 81.8	8C.1	80.1 51.8	80.1 81.8	80.1 31.8	80.1 81.8	80 • 1 81 • 8	80.1 81.8	80.1 81.8	80.1 81.8	80.1 81.8	83.1 81.8
≥ 10000 ≥ 9000	54.5 54.6	85.4 86.5	86.2 87.3	80.6 37.6	86.6 87.6	86.6 87.6			85.6 87.6		8 6 • 6	86.6 87.6	1	86.6 87.6	86.6 87.6	36.6 87.6
≥ 8000 ≥ 7000	55.5 56.0	88 · 8 90 · 2	89.7 91.1	90.0	90.0 91.4	90.0 91.4		90.0 91.4	90.0 91.4		90 • 0 91 • 4	90.0 91.4	90.0 91.4	90.0 91.4	99.B 91.4	96.5 91.4
≥ 6000 ≥ 50CJ	56.7 57.1	91 • 1 92 • 0	92.0 93.1	92.4 93.4	92.4 93.4	93.4			92.4 93.4		92•4 93•4	92•4 93•4		92•4 93•4	92.4 93.4	92.4 93.4
≥ 4500 ≥ 4000	57.4 57.7	92•5 93•3	93.5	93.9	93.9	93.9 94.7	93.9	93.9 94.7	93.9 94.7	93.9 94.7	93 • 9 94 • 7	93.9 94.7		93.9 94.7	93:9 94.7	93.9 94.7
≥ 3500 ≥ 3000	58.0 58.3	93.7 94.0	94.7 95.1	95.1 95.4	95.1 95.4	95.1 95.4	95.4				95 • 1 95 • 4	95.1 95.4	95.1 95.4	95.1 95.4	95.1 95.4	
≥ 2500 ≥ 2000	59.2	94.9 95.8	96.0	96.5 97.5	96.6	96.6 97.6	97.7	97.7		97.7	96 • 6 97 • 7	96.6 97.7	97.7		96.6 97.7	97.7
≥ 1800 ≥ 1500	59.5 59.9	96.0 96.7	97.1 97.7	97•7 98•4	97 • 8 98 • 5	97.8 98.5	98.6	98.6	98.6	98.6	98•0 98•6	98.0 98.6	98.5		98.0 98.6	98.6
≥ i200 ≥ 1000	60.2	97 • 1 57 • 1	98.2 98.2	98.8 98.8	99.0	99.0	99.1	99.1	99.1 99.1	99.1 99.1	99.1	99.1	99.1	99.1 99.1	99.1 99.1	99.1
≥ 900 ≥ 800	6D • 4	97.4	98.5	98.9 99.1	99.4	99.4	99.5	99.5	99.2		99.5	99.2 99.5	99.5		99.2 99.5	
≥ 700	60.5 60.5	97.5	98.6	99.4 5.4	99.6	99.6	99.7					99.7	99.7		99.7 99.7	
≥ 500 ≥ 400 ≥ 300	60 • 6 60 • 9	97.8 97.8	98.7 98.9	99.5 99.7	99.7		100.0	100.0		100.0	100.0		100.0	100.0		100.0
≥ 200	60 · 9	97.8	98.9	99.7	99.9	99.9	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0	180.0	100.0	100.6
≥ 100 ≥ 0	60.9	97.8						100.0 100.0						-		

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC 10 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING							VIS	IBILITY (ST	ATUTE MIL	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 າ	≥2	≥175	≥ו'נ	≥1	≥ 'હ	المر≥	≥ '7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	43.9 44.9	72.2 74.4	74.5 76.6			75.5 77.7	75 • 6 77 • 8	75.6 77.6	75.6 77.8			75.6 77.8			75.6 77.8	75.6
≥ 18000 ≥ 16000	44.9 44.9	74.4 74.4	76.6 76.6		77.7 77.7	77.7	77 • 8 77 • 8	77.8 77.8	77.8 77.8			77.8	77.8	77.8 77.8	77.8 77.8	77.
≥ 14000 ≥ 12000	45.1 46.3	75.1 77.4	77.2 79.7	77.8 80.3	78.4 89.9	78.4 81.0	78.5 81.1	78.5 81.1	78.5 E1.1	78.5 81.1	78.5 81.1	78.5 81.1	78.5 81.1	78.5 61.1	78.5 81.1	78. 81.
≥ 10000 ≥ 9000	48.1	80.9 81.5	83.1 83.8	83.9 84.5	84.5 85.2	34.6 85.3	84.7 85.4	84.7 85.4	84.7 85.4	84 • 7 85 • 4	84.7 85.4	84.7 85.4	84.7 85.4	84.7 85.4	84.7 85.4	
≥ 800° ≥ 700°	48.9 49.6			88.4			88 • 1 89 • 2	88 • 1 89 • 2	88.1 89.2	88.1 89.2	88.1 89.2	88.1 89.2	88.1 89.2	88•1 89•2	88.1 89.2	98. 89.
≥ 6000 ≥ 5000	50.5 51.6	88.2	90.6			90.5 92.2	98.6 92.3		90.6 92.3		90•6 92•3	90.6 92.3	90.6 92.3	90.6 92.3	90.6 92.3	90 • : 92 • :
≥ 4500 ≥ 4000	52.2 52.5		92.4	93.1	93.8		93.1 94.0			94.8	93•1 94•0	93.1 94.0	93.1 94.0	93.1 94.0	93.1 94.0	93. 94.
≥ 3500 ≥ 3000	52.7 52.7	91.0 91.1	93.4 93.5		94.8	94.9 95.1	95 • 1 95 • 2					95.2	95.1 95.2	95.1 95.2	95•1 95•2	95 • 95 •
≥ 2500 ≥ 2000	53.5 54.1	92.0 92.8			95.5 96.8	96.9 96.9	96 • 1 97 • 0			97.0	97.0	97.B			96 • 1 97 • 0	
≥ 1800 ≥ 1500	54.1 54.2	93.3	95.4	96 • 1 96 • 7	96.8	96.9 97.5	97.0 97.6	97.6		97.6	97.6	97.6	97.6		97.6	
≥ 1200 ≥ 1000	54.5 54.5	94.2	96.3 96.8		97.8 98.3	98.0 98.4	98 • 1 98 • 5		98 • 1 98 • 5		98•1 98•5				98•1 98•5	
≥ 900 ≥ 800	54.5 54.8	94.4	97.0		98.5 98.8	98.6 98.9	98.7 99.0		98.7 99.0			98•7 99•0	99.0			99.
≥ 700 ≥ 600	54 • 8 55 • 2	94.8	97.4	98.6	99.5	99.1 99.6	99.2 99.7	99.7	99•2 99•7	99.7	99.7			99•2 99•7	99•2 99•7	59.
≥ 500 ≥ 420	55.2 55.2	95.4 95.4	98.1 98.1			99.8	99.9 99.9	99.9		99.9	99.9	99.9	99.9			
≥ 300	55.2 55.2	95.4 95.4	98 • 1 98 • 1	98.8		99.8		100.0	100.0		100.0		100.0			
≥ 100 ≥ G	55.2 55.2	95.4 95.4	98 • 1 98 • 1	98.8 98.8	99.7 99.7	99.8	•	100.0	,							

AL NUMBER OF OBSERVATIONS 930

USAF ETAC HILLAR 0-14-5 (OL A) MENOUS EDITIONS OF THIS FORM AND ORGAN

CEILING VERSUS VISIBILITY

12816

MACDILL AFB FL

6:-20,73-78

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PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY ST	ATUTE MILE	S.						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥11⁄2	≥1′4	≥1	≥ ¾	≥ >₀	≥ ′>	≥5 16	≥ •	≥0
NO CEILING ≥ 20090	28.9 30.0	60.9 64.5	66.5 79.1	69.0 72.8	71.0 74.7	71.8 75.6	72.0 75.8			72•4 76•1	72.4 76.1	72.4 76.1	72.6 76.3		72.6 76.3	,
≥ 18000 ≥ 16000	30.0 30.0	64.7 65.1	70•3 70•8	73.0 73.4	74.9 75.4	75.8 76.2	76.0 76.5	75.1 76.6	76.1 76.6	76.3 76.6	76.3 76.8	76.3 76.8	77.0	76.6 77.0		:
≥ 14000 ≥ 12000	30 • 1 30 • 6	65.8 67.4	73.1	74 • 2 75 • 8	76.1 77.7	77.0 78.6	77.2 78.8	78.9		77.5 79.1	79.1	77.5 79.1	77.7 79.4		77.7 79.4	
≥ 10000 ≥ 9000	32.6 32.6	71.5 72.6	78.6	80.1	82.0 83.2		83.3	84.8	84.8	83.7 85.1	83.7 85.1	83.7 85.1	83.9 85.3			85.3
≥ 8000 ≥ 7000	33.5 34.0	75.5 76.1	82.5	85.5			88.3		89.2	88.7 89.5						89.7
≥ 6000 ≥ 5000	34.6		85.3	88.3				92.0	92.C		92.3	92.3	92.5	92.5	92.5	92.5
≥ 4500 ≥ 4000 ≥ 3500	35 • 8 35 • 8	78.7 79.6	86.1			92.3			92.9	93.1	93.1	92.3 93.1 93.3		93.3		93.3
≥ 3000 ≥ 2500	36.0 36.5	80.5	87.2	90.2	92.4	93.3	93.8		94.D	94.2	94.2	94.2	94.4	94.4	94.4	94.4
≥ 2000	36.8	81.9	88.6	91.6	93.8	94.7	95.2	95.4		95.6	95.6		95.8	95.8	95.8	95.8
≥ 1500 ≥ 1200	36.8		88.7	91.7	93.9		95.3	95.5	95.5	95.7	95.7	95.7 95.9	95.9		95.9	95.9
≥ 1000	36.9 37.0			92.2	_		95.8 96.0		96.0 96.2	96.2 96.5		96.2 96.5				
≥ 800 ≥ 700	37.2 37.3	82.9 83.0			95 • 1 95 • 2				96.7 96.8		96.9 97.0				97.1 97.2	97.1 97.2
≥ 600	37.3 37.3	83.2				-		97.0 97.3	97.1 97.4		97.3 97.7				97.5 98.0	
≥ 400	37.3	83.2	90.5	93.8	96.1	97.1	97.6	97.8		98.4	98.4		98.6	98.7	98.7	98.7
≥ 200	37.3	83.3	90.5	97.8	96 • 1		97.5	98.3		99.0	99.0	99.0	99.4	99.5		99.8
≥ 0_	37.3	83.3	90.5	93.8	96.1	97.1	97.6	98.3	98.5	99.0	99.0	99.0	99.4	99.5	99.6	T00.

TOTAL NUMBER OF OBSERVATIONS.

931

USAF ETAC RAM 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORSOLL

CEILING VERSUS VISIBILITY

12810

MACDILL AFS FL

67-70,73-78

OC I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100

CEILING				,			VIS	BILITY (STA	ATUTE MILI	ES)						
(FEET+	≥10	≥6	≥5	≥4	≥3	≥2 2	≥2	≥17:	≥1'હ	≥1	≥ ¾	ود≲	≥'>	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	39.2 41.8	68.2 73.4	69.4 74.7	70.8 76.1	71.5 77.0	71.5 77.0	1	71.9 77.4		71.9 77.4	71.9 77.4	71.9 77.4	71.9 77.4	71.9 77.4	71.9 77.4	71.9 77.4
≥ 18000 ≥ 16000	41.9 42.0	73.5 74.1	74.8 75.4	76.2 76.8	77.1 77.6	77 • 1 77 • 6	77.4 78.0	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1	77.5 78.1
≥ 14000 ≥ 12000	42.4 43.5	74.7 77.0	76.0 78.3	77.4 79.7	78•3 80•5	76.3 80.5	75.6 89.9	78.7 81.0		78.7 81.0	78.7 81.0	78.7 81.0	78.7 81.0	78.7 81.0	78.7 81.0	78.7 81.0
≥ 10000 ≥ 9000	45.7 45.8	81.3 82.4	82.7 83.8	84 • 1 85 • 2	84.9 86.0	84.9 86.0	65 • 3 86 • 3	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5	85.4 86.5
≥ 8000 ≥ 7000	46.7 47.0	84.9 85.9	86.7 87.7	88 • 1 89 • 1	88.9 90.1		89 • 2 90 • 4	89.4 90.5	89•4 90•5	89.4 90.5	89.4 90.5		89.4 90.5	89•4 90•5	89.4 90.5	89.4 90.5
≥ 6000 ≥ 5000	47.6	86.8 87.7			91.0 91.9			91.4 92.4	91.4 92.4	91.4 92.4	91.4 92.4		91.4 92.4	91.4 92.4	91.4 92.4	91.4 92.4
≥ 4500 ≥ 4000	48.1	88.2 86.7			92•4 92•9	92.9	92.7 93.2		93.3	93.3	92 • 8 93 • 3	93.3		93.3		93.3
≥ 3500 ≥ 3000	48.2	89.0 90.1	91.9	93.4	93.2	94.5					93.7 94.9	94.9		93•7 94•9		94.9
≥ 2500 ≥ 2000	48.5 49.0	91.1 92.0				96.7		97.1		97.1	95.9 97.1	97.1	97.1		97.1	
≥ 1800 ≥ 1500	49.0 49.2	92.2 92.9	94.5	95.7 96.6	96.7 97.5	97.6			98.1	98.1		97.2 98.1	97.2 98.1	97•2 98•1	98.1	98.1
≥ i200 ≥ 1000	49.2	92.9	95.2			97.8	98.2		98.3	98.4		98.4		98.4	98.4	98.4
≥ 900 ≥ 800	49.2	93.2	95.6		98.0 98.2	98.3		98.7	98.7	98.8		98.8	98.8	98 • 6 98 • 8		98.8
≥ 700 ≥ 600	49.2	93.4	95.7	97.3		98.4			98.9	99.0		99.0	99.0	98.9 99.0	99.0	
≥ 500 ≥ 400	49.2	93.5 93.5	95.9	97.6 97.6	98.6 98.6	98.7		99.4	99.6	99.7	99.5 99.7	99.8	99.9	99.5	99.0	99.9
≥ 300	49.2	93.5 93.5	95.9	-1	98•7 98•7	98.8	99.4	99.7	99.7	99.8	99.8 99.8	99.9	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	49.2	93.5 93.5			98.7		99.4 99.4		99•7 99•7		99•8 99•8				100.0	

TOTAL NUMBER OF OBSERVATIONS...

930

USAF ETAC 1084 0-14-5 (OL A) memous comons of this form are descri

CEILING VERSUS VISIBILITY

12810 MAC

MACDILL AFB FL

67-70,73-78

MONTH.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING							٧iS	BILTY 'ST	ATUTE MIL	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥17	≥1%	≥1	≥ }₄	≥ >₀	≥ ">	≥5 16	≥ ′•	≥0
NO CEILING ≥ 20000	51.1 55.8	73.3 81.0	73.3	73.3 81.0	73.5 81.0	73.3 81.0				73.3 81.0				73.3 81.0		•
≥ 18000 ≥ 16000	56.1 56.6	81.4 82.0	82.C	81.4 82.0	81.4 82.0	81.4 82.0			81.4 82.0	81.4 82.0	81.4 82.0	81.4 82.0	81 • 4 52 • D	81.4 82.0	81.4 82.0	81.4 82.0
≥ 14000 ≥ 12000	57.4 56.7	83.3 85.1	83.3 85.1	83.3 85.1	83.3 85.1	83.3 85.1			83.3 85.1	83.3 85.1	83.3 85.1			83.3 85.1	83.3 85.1	83.3 85.1
≥ 10000 ≥ 9000	60 • 8	89.7	89.2 89.7	89.2 89.7	89.2 89.7	89.2 89.7			89.2 89.7	89.2 89.7		89.2 89.7		89.2 89.7	89.2 89.7	89.2 89.7
≥ 8000 ≥ 7000	61.8 62.5	91.4 92.6	91.4 92.8	91.4 92.8	91.4 92.8				91.4 92.8	91.4 92.8	91.4 92.3				91.4 92.8	
≥ 6000 ≥ 5000	62.5	92.8 94.2			93.0 94.4		94.4	94.4					93.0 94.4			
≥ 4500 ≥ 4000	63.2 63.4	94.6 94.9		95.2			95.2	95.2	95.2		95.2		94.8 95.2		94.8 95.2	
≥ 3500 ≥ 3000	63.7 64.4	95.4 96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0		97.0	97.6
≥ 2500 ≥ 2000	65.1	97.3 98.9			99.6	99.6	99.7	49.7	99.7	99.7		99.7	99.7	99.7	99.7	98.0 99.7
≥ 1800 ≥ 1500	65.1	99.0 99.1	99.7	99.7		99.8	91.0	999	99.9	99.9	99.8	99.9	99.9	99.9	99.9	99.8
≥ 1200 ≥ 1000	65 • 1 65 • 1	99.1 99.1	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 990 ≥ 800	65 • 1	99.1 99.1	99.7	99.7		99.8	99.9		99.9	99.9	99.9	99.9	99.9	99.9	99.5	99.9
≥ 700 ≥ 600	65.1	99.1 99.1	99.7	99.7 95.7		99.9	99.9 100.0	100.0	100.0	100.0	100.0	100.0	100.0		180.0	
≥ 500 ≥ 400	65.1	99.1		99.7 99.7		99.9	100.0 100.0	100.0	160.0	100.0	100.0	100.0	199.0	100.0	100.0	100.0
≥ 300	65.1 65.1	99.1 99.1		99.7 99.7		99.9	160.0 160.0	100.0	100.0	100.0	100.0	100.0	100-0	100.0	100.0	0.00
≥ 100 ≥ 0	65 • 1 65 • 1	99.1 99.1	99.7 99.7	99.7	99.8		100.0									

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLE

CEILING VERSUS VISIBILITY

12818

MACDILL AFB FL

57-70,73-78

001

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING			-				VIS	BILITY ISTA	LTUTE MIL	ES.						į
(FEET)	≥10	≥.6	≥5	≥4	≥3	≥2′2	≥2	≥1%	≥1'4	≥ 1	≥4	≥ ¾	≥ '7	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	49.4 53.8	59.8 77.6	69.9 77.7		69.9 77.7	59.9 77.7	69.9 77.7	69.9 77.7	69.9 77.7	69.9 77.7				69.9 77.7	69.9 77.7	69.9 77.7
≥ 18000 ≥ 16000	53.8 54.1	77.8 78.5	78.0 78.6		78.0 78.6		78.0 78.6	78.0 78.6			78.G 78.6			78.0 78.6	78 • 0 78 • 5	78.D 78.6
≥ 14000 ≥ 12000	54 • 3 55 • 8	79.0 82.5	79.1 82.6	79•1 82•6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.6	79.1 82.5			79•1 82•6	79•1 32•6	79 • 1 8, • 6
≥ 10000 ≥ 9000	59.2 59.2	87 • 2 87 • 7	7 7	87.3 87.8		87.3 87.8			87.3 87.8		87.3 87.8			87.3 87.8		87.3 87.8
≥ 8000 ≥ 7000	60 • 2 61 • 2		89.8 91.5		89 · 8 91 · 5	89.8 91.5	89.8 91.5		89.8 91.5		89.8 91.5	91.5	91.5	89.8 91.5		89.8 91.5
≥ 6000 ≥ 5000	61.4 61.7	91.8 92.7		92.0 92.9		92.9	92.0 92.9	1				92.9	92.9	92.0 92.9		
≥ 4500 ≥ 4000	61.9	94.1	94.4		94.4	94.4	93.4	94.4	94.4	94.4	94.4	74.4	94.4	93.4		93.4
≥ 3500 ≥ 3000	63.4	96.2		95.4 96.7	96.7	96.8		95.4 96.9	95.4		95.4 96.9	96.9	96.9	95.4		96.9
≥ 2500 ≥ 2000	63.4	97.3		98.3	98.5	97.1 98.6	97.2 98.7	97 • 2 98 • 7	97.2			98.7	98.7	97.2 98.7	97.2 98.7	98.7
≥ 1800 ≥ 1500	63.8 53.8	97.5	98.6	58.5 5.6	98.9	99.0			98.9	99.5		99.5		98.9	99.5	98.9
≥ 1200 ≥ 1000	64.0	97.7	98.9 98.9	98.9	99.2	99.4	99.5					99,8				
≥ 900 ≥ 800 ≥ 700	64 • U 64 • D	97.8 97.8 97.8		99.1	99.5	99.5 99.6	99.6 99.7	99.7 99.8	_	100.0	100.0	100.0	99.9 100.0			
≥ 700 ≥ 600 ≥ 500	64.0	97.8 97.8	99.1	99.1	99.5	99.6 99.6	99.7	99.8 99.8	99.5	100.0	109.0	100.0	100.0	100.0	100.0	100.0
≥ 400 ≥ 300	64.D	97.8	99.1	99.1	99.5	- 1	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	64 • D	97.8	99.1	99.1	99.5	99.6		99.8	99.9	100.0	100.0	190.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	64.0					1							100.0			, ,

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALS 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLEH

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

OC I

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000

CEILING							vis	iBiLITY (ST.	ATUTE MIL	£S						
ifEET,	≥10	≥6	≥5	≥4	≥3	≥27-	≥2	217	≥1'4	<u>≥</u> 1	<u>≥</u> 34	Al A	≥ ;	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	47.8 51.3		69.2 75.7			69•2 75•?							59.2 75.7			69.2 75.7
≥ 18000 ≥ 16000	51.3 51.3	75.9 75.9				*6.0 76.0	76.0 76.0		76.0 76.0					1		_ : : : : : : : : : : : : : : : : : : :
≥ 14000 ≥ 12000	52.1 52.6	76.9 78.6		77.1 78.8	77.1 75.8	77.1 78.8	_ :		77,1 78.8	77.1 78.8	77.1 79.8		77.1 75.8		77•1 78•8	77.1 78.8
≥ 10000 ≥ 9000	56.4 56.4	85.5		85.1 85.7		85.1 85.7		85.7	85.1 85.7			85.1 85.7	85.1 85.7		85.1 85.7	85.1 85.7
≥ 8000 ≥ 7000	57.5 57.8	89.2		89.5	89.5	87.9 89.5	87.9 89.5	89.5					87.9 89.5		87.9 89.5	87.9 89.5
≥ 6000 ≥ 5000	56.7 60.0	1	92.2		92.2	90.6 92.2	92.2	92.2	92.2	02.2	90.6 92.2	90.6 92.2		92.2	1	90.6
≥ 4590 ≥ 4000	60.3	93.8	94.2	94.2	94.2		94.2	94.2	94.2	94.2	94.2	94.2		94.7	94.2	94.2
≥ 3500 ≥ 3000	61.5	96.1	96.6	96.6	96.8		96.8	96.8	96.8	96.8	95.3	96.8	95.8	96.8	95.8	
≥ 2500 ≥ 2000	52 • 3 62 • 9	98.1	98•7	98.5	99.0	97.8	99.1	99.2		99.2	99,2	99.2	99.2	99.2		99.2
≥ 1806 ≥ 1500	62.9	98.4	99.0	99.1	99.4	99•2 99•5	99.2 99.5	99.6		99.5	99,6	99.6	99.6		99.6	99.4 99.6
≥ 1200 ≥ 1000	63.1 63.1	98.6			99.6			100.0	100.0	100.0	100.0		100.0	106.0	100.0	
≥ 900 ≥ 800	63.1 63.1	98.6 98.6	99.2	99.4	99.6	-	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	63.1	98.6 98.6	99.2	99.4	99.6		99.8	100.0	100.0	100.0	100.0	100.0	100.0	106.0	190.0	100.0
≥ 500 ≥ 400	63.1	98.6	99.2	99.4	99.6		99.8	100.0 100.0	100.0	100.8	100.0	100.0	180.0	100.0	100.0	108.0
≥ 300 ≥ 200	63.1	98.6 98.6		99.4	99.6		99.8	100.0	100.0	100.D	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	63.1 63.1	1 2						100.0								

TOTAL NUMBER OF OBSERVATIONS.....

729

JSAF ETAC 17.44 0-14-5 (OL.A.) PREVIOUS EDITIONS OF THIS FORM ARE DISOUE

CEILING VERSUS VISIBILITY

12813

MACDILL AFB FL

67-70,73-78

- 4C-1-

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2130-2300

		·						BILITY STA	ATUTE MILI	5						
CEILING	≥10	≥6	≥5	≥4	≥3	≥27	22	217	21'4	≥1	ونخ	ود≤	≥ 7	≥5 16	2 .	≥0
NO CEILING ≥ 20000	51.5 52.6		74.5 79.1				74.5 79.1								74.5 79.1	74.5 79.1
≥ 18000 ≥ 16000	52.8 52.8	79.8 79.8	79.8 79.8	i	79.8	79.8		79.8	79.8	79.5	79.8	79.8	79.8		79.8	
≥ 14000 ≥ 12000	53.3	82.8	82.8		82.8	82.8	80.4 82.8	82.8	82.8	82.8	82.8	82.8		52.9	82.3	82.8
≥ 10000 ≥ 9000 ≥ 8000	58.4 58.4	88.7 89.1	39.1	+	89.1	89.1	88.7 89.1 91.5	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.7 89.1	89.1
≥ 7000	- 1	92.5	92.5	92.5	92.5	92.5		92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000 ≥ 4500	51.4 51.6	94.5	94.5 94.8		94.5	94.5		94.5	94.5	94.5	94.5	94.5	94.5		94.5	94.5
≥ 4000 ≥ 3500 ≥ 3000	62.4	95.5 96.0	96.D	96.0	96.0	96.0	95.5 96.0	96.C	96.0	96€9	96 • C	96.6	96.0	96.0	96.0	96 • B
≥ 2500 ≥ 2000	63.0 63.1	97.1	96.9 97.1 98.4	97.1	97.1	97.1	57.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	
≥ 1800 ≥ 1500	63.9 64.1	98.4		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.4	98.4	98.4	98.4	98.4
≥ 1200 ≥ 1000	64 • 4 64 • 6	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900 ≥ 800	64.6 64.6	99.6	99.6	99.6	99.7	99.7	99.7 99.8	99.5	99.8	59.8	99.8	99.8	99.8	59.8		99.8
≥ 700 ≥ 600	64.7	99.7 79.7	59.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		99.9
≥ 500 ≥ 400 ≥ 300	64 - 7 64 - 7	29.7 59.7	99.7	99.7 99.7	99.8		99.9	99.9		99.9	99.9	99.9	99.9		99.9	-
≥ 300	54.7 64.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.7	99.9	99.9	99.9	99.9	99.9	00.0
≥ 0	64 - 7	99.7		1			99.9		99.9				59.9			198.0

TOTAL NUMBER OF ORSERVATIONS 93

USAF ETAC ALM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

CEILING VERSUS VISIBILITY

12510

ACDILL AFB FL

67-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL

CEILING							Vişi	BILITY 'ST	ATUTE MIL	ES				-	-	
·£€£1	≥ic	≥6	≥5	≥4	≥3	≥2-	≥2	≥1 つ	≥1′.	≥1	<u>د</u> کړ	≥ '9	≥ ÷	≥5 16	≥ •	≥6
NO CEILING ≥ 20000	45.1 47.5	70.3 75.4	71.5 76.6		_6	72.6 77.8	72.7 77.9					72.5 77.9				72-8 77-9
≥ 18000 ≥ 16000	47.6	1	76.9 77.2			78.1 78.4	78 • Z	78.2 78.5			78.2 78.5	78 • 2 78 • 5	78.2 78.5			78•2 78•5
≥ 14000 ≥ 12000	48.2	76.8 79.3	78 · 1		77.1 81.3	79.2 81.4	79.3 81.5	79.3 81.5			79.4		79.4 81.6		79.4 81.6	
≥ 10000 ≥ 9000	51.9 52.9		85.0 85.7		36.1 86.8	86.2 86.9			85.3 87.1				86.4	86.4 87.1		86.4 37.1
≥ 900? ≥ 100.1	53.5		88.2			39.4 90.7	39.5 93.8	99.6 90.8		89.6 98.9		89.6 90.9				
≥ 6000 ≥ 5000	54.1 54.8	88•6 90•0	9D • 3		- 4	91.5 92.9				91.8 93.1		91.8 93.1	91.8 93.1	91.3 93.1		91.8 93.1
≥ 4500 ≥ 4000	55.4 55.4	(92.5 92.5	92.7 93.5	93.2 94.0	93.3 94.1					'	93.5 94.3			93.5 94.3	93.5 99.3
≥ 3500 ≥ 3C30	55.7 56.0	91.8 92.7	93•4 94•4	94.1 95.1	94.6 95.6	94.7 95.7		94.9 95.9	94.9 95.9	94.9 95.9	:	94.9 95.9	94.9 95.9		94.9 95.9	94.9 95.9
≥ 2500 ≥ 2000	56.4 56.8			97.0		96.5 97.7	97.8	97.9		96.7 97.9		96.7 97.9	96.7 98.0		96.7 98.0	96.7 98.0
≥ 1800 ≥ 1500	56.9 57.0	94.9	96.3 96.7	97.4	98.0	97.8 98.2				- 1		98.0 98.5				98•1 98•5
≥ 1200 ≥ 1000	57.2 57.2	95.2	96.9	97.8	98.5	98.5 98.6	98.8				99.0	99.0	99.0	98•8 99•0	99.0	99.5
≥ 900 ≥ 800	57.2 57.3	95.4		98.1			99.1	99.2		99.2	99.2	99.2		99.3	99.3	99.3
≥ 700 ≥ 600	57.4		97.4	98.3	78.9	99.1	99.3	99.4	59.4	99.4	99.4	99.4		99.5		99.5
≥ 500 ≥ 400	57.4 57.4	95.7	97.5	98.4		99.2	99.5	99.6	99.5	99.7	99.7	99.6 99.7		99.7	99.7	99.7
≥ 300 ≥ 200	57.4 57.4		97.5 97.5	98.5		99.3	99.5	99.7		99.8	99.8	99.9	99.7	99.9	99.9	
≥ 100 ≥ 0	57.4 57.4		97.6			99.3			99.7			99.9				100.0

TOTAL NUMBER OF OBSERVATIONS.

7439

USAF ETAC ALM 0-14-5 (OL A) MENOUS SORIONS OF THIS FORM AND ORBITAL

CEILING VERSUS VISIBILITY

12010

MACDILL AFB FL

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2000-0200

CEILING							VIS	BILITY (51/	LTUTE MILI	E\$1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2¹2	≥?	≥ı∧	≥1'4	≥۱	≥ ¼	≥ 2-9	≥ 'ל	≥5 15	≥ .	≥0
NO CEILING ≥ 20000	51.8 52.3		76.3	77.0 78.3	77.2 78.6	77.2 78.6	77.3 78.7	77.3 78.1	77.3 78.7	77.6 78.9	77.9 79.2	78.1 79.4	78.1 79.4	78.3 79.7	78.7 89.0	78.9 80.2
≥ 18000 ≥ 16000	52.4 52.4		77.9	79.6 78.6	78.8 78.8	78.8 78.8	78.9 78.9	78.9 78.9	78.9 78.9	79.1 79.1	79.4 79.4	79.7 79.7		79.9 79.9	80.2 80.2	80.4 80.4
≥ 14000 ≥ 12000	52.4 52.6	77.6	78.7	78.7 79.3	78.9 79.6	78.9 79.5	79.0 79.7	79.0 79.7	79.0 79.7	79.2 79.9	79.6 50.2	79.8 80.4	79.8 80.4	80.0 80.7	60.3 81.0	
≥ 10000 ≥ 9000	54.4 54.8	81.0	81.7 82:1	82.3 82.6	82.6 83.0		82.? 63.1	82.7	82.7 83.1	82.9 83.3	83.2 83.7		83.4 83.9		84.0 84.4	
≥ 8000 ≥ 7000	56.4	83.5		85.9 85.9		85.3	85.4 86.2	85.4 86.2	85.4 86.2	85.7 86.4	86.U 86.8	87.0	87.0			87.0 87.8
≥ 6000 ≥ 5000	57.1	85.6	86.8		87.8			87.9	87.2 87.9				88.7	88.9		
≥ 4509 ≥ 4000 ≥ 3500	57.2 58.2 58.4	87.9	87.3 89.6	58 • 1 90 • 0 90 • 3	88.3 90.2 90.6		90.3	90.3 90.7	88 • 4 90 • 3			91.1	89.2 91.1 91.4		89.8 91.7 92.0	
≥ 3000 ≥ 2500	59.4	89.2	90.6	91.3			91.7	91.7	91.7	91.9	92.2	92.4		92.7		
≥ 2000 ≥ 1800	6f 0	90.8		92.9	93.2	93.1	93.2	93.2	93.2	93.4	93.8		94.0	94.2	94.6	94.8
≥ 1500 ≥ 1200	50.2 60.6					93.8		93.9	93.9	94.1	94.4		94.7	94.9	95.2	95.4
≥ 1000 ≥ 900	60.6 60.8		93.7	94.6	94.8	94.8 95.1	94.9	94.9			95.4 95.8				96.2	
≥ 800 ≥ 700	6D • 8	92.6	94.3	95.2 95.6	95.8	>5.4 >5.8		95.6	95.9	96.1	96.4	96.3 96.7				97.1 97.4
≥ 600 ≥ 500	60.9	92.9	94.9	96.0	96.3		96.4	96.4	96.4	96.7	97.0	97.0 97.2	97.2	97.4	97.8	97.8 98.0
≥ 400 ≥ 300 ≥ 200	60 + 9		75.7	97.0		97.4	97.7		97.7	97.9		98.4	98.4	98.7	99.0	99.2
≥ 100 ≥ 0	60 • 9 60 • 9	93.1	95.7	97.0	97.4	97.4 97.4	97.7	97.7	97.7	97.9	98.3 98.3	98.6	98.6	98.8		99.3 99.6 100.0

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC JUL 64 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DESOLETE

---DA-TA--PPOCESSING-BRANCM USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500

CEILING					_		VIS	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2יט	≥2	≥1%	≥1%	≥ı	≥ 1,	≥ '⁄a	≥ 49	≥5/16	≥ %	≥0
NO CETING ≥ 20°C°	43.2 43.3	68.7 69.6	70.2 71.1	70.9 71.8	71.6 72.4	71.9 72.8	72.0 72.9		72•8 73•7				73.2 74.1	73.2 74.1	73.6 74.4	
≥ 18000 ≥ 16000	43.3	69∙8 69∙8	71.3 71.3	72.0 72.0	72•7 72•7	73.0 73.0	73.1 73.1	73.3 73.3	73.9 73.9	73.9 73.9		74.1 74.1	74.3 74.3	74.3 74.3	74.7 74.7	
≥ 14900 ≥ 12000	43.4	70.2 71.2	71.8 72.8	72.4 73.4	73.1 74.1	73.4 74.4	73.6 74.6	73.8 74.8	74 • 3 75 • 3		1	74.6 75.6	74.8 75.8	74.8 75.8		75.9 76.9
≥ 10000 ≥ 9000	45.4	73.8 74.1	75.3 75.7	76.0 76.3	76.7	77.3		77.3 77.7	77.9 78.2		78.1 78.4	78.1 78.4	78.3 78.7	78.3 78.7		
≥ 8000 ≥ 7000	45.6 46.0	75 • 1 76 • 6	78.3		78 • 1 79 • 8	78.4 80.1	79.6 80.2		79.3 81.0	81.0	81.2	79.6 81.2	79.8 81.4	79.8 81.4	81.8	82.6
≥ 6000 ≥ 5000	47.1 47.8	78.7 80.2		82.6	81.7	82.D 83.5			82.9 84.4	84.4	83.1 84.7	83.1 84.7	83.3	03.3 84.9	1	
≥ 4500 ≥ 4000	48.2	81.0		84.9	85.6	84.4 86.0	84.6 86.1	84.8 86.3	85•3 86•9			85.6 87.1		85.8 87.3		88.4
≥ 3500 ≥ 3000	49.9 51.0	83.6	85•2 87•0	87.8	86.7	87.1 88.9		89.2	88.C 89.8	89.8		90.0				91.3
≥ 2500 ≥ 2000	51.4 51.8	85.8 86.6		88•2 89•0	88.9	89.3 90.1	90.2						90.7 91.4		91.0 91.8	92.6
≥ 1800 ≥ 1500	52.0 52.1	86.8		89.2 89.7	89.9 90.3	90.3 90.8	90.4 90.9		91.2 91.7	91.7 91.7		91.9	92.1	91.7 92.1	92.4 92.4	93.2
≥ 1200 ≥ 1000	52.3 52.4	87.7 85.0	89.3		90.6	91.2 91.6		91.6	92.1 92.4		92.3 92.7	92.7		92.6 92.9		
≥ 900 ≥ 800	52.9 53.1	88.7	90.6	91.3	92.6	92.4			93.3 93.9	93.9		94.1	93.8 94.3		94.7	
≥ 700 ≥ 600	53.2	89.4		92.3	92.9		93.4		94.4	94.4				94.7	95.2	96.0
≥ 500 ≥ 400	53.2 53.2	89.8	92.2	93.0	93.6	94.7				95.8	95.4 96.0	96.0			96.6	97.3
≥ 300 ≥ 200	53.Z 53.Z	89.9	92.2	93.0			95 • 1 95 • 3		96.3	96.6	96.9	96.9	97.2		96.8	98.3
≥ 100	53.2 53.2	89.9 89.9			94.D	94.9	95.3 95.3		96•4 96•4				97.6 97.6		_	99.0 100.0

TOTAL NUMBER OF OBSERVATIONS 90

USAF ETAC 10164 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCUE

100

<u>.</u>

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING							VIS	BILITY (ST	ATUTE MILE	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ?	≥2	≥1/2	≥1'4	≥1	≥ 3,	≥ ¾	≥ '5	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	31.2 31.7	57.1 59.3	60.8 63.1	63.3 65.8	64.9 67.3	55.8 58.2	66.6 69.D	67.1 69.6	67.3 69.8	67.3 69.8	67.3 69.8	67.3 69.8	67.8 70.2	67.8 70.2	67.9 70.3	69.1 71.6
≥ 18000 ≥ 16000	31.7 31.7	59.3 59.3	63.1 63.1	65 • 8 65 • 8	67.3 67.3	68 • 2 68 • 2	69.0	69.6 69.6	69.8 69.8	69.8 69.8	69.8 69.8	69 • 8 69 • 8	70.2 70.2	70.2 79.2	70•3 70•3	71.6
≥ 14000 ≥ 12600	31.8 32.0	59.7 60.9	63.4 64.7	66 • 1 67 • 4	67.8 69.3	68.7 70.2	69.6 71.1	70.1 71.7	70.3 71.9	70.3 71.9	70.3 71.9	70.3 71.9	70.8 72.3	70.8 72.3		72.1 73.7
≥ 10000 ≥ 9000	33.9 33.9	64.4 64.6	68.3 68.4	71.2		74.3 79.1	75.0 75.1	75.6 75.7	75.8 75.9	75.8 75.9	75.8 75.9	75.8 75.9	76.2 76.3	76•2 76•3	76.3 76.4	77.6 77.7
≥ 8000 ≥ 7006	34.1 34.3	65•6 66•9							76.9 78.3			78.3	77.3 78.8			
≥ 6000 ≥ 5000	34.9 35.3	68.1		74.9 76.4	78.6				81.2	81.2	81.2	81.2	81.7	81.7	81.5	
≥ 4500 ≥ 4000	35.9 36.7	72.2	76.2	79.4		82.7	82.0 83.7		84.6	84.6		84.7	83.4 85.1	83.4 85.1	83.6 85.2	86.4
≥ 3500 ≥ 3000	37.1 37.6	73.8	77.8	81.0	83.3	84.4		86.0		86.3	86.4	86.4	85.8 86.9			
≥ 2500 ≥ 2000	37.6 36.0	74.7	78.7	82.1	84.4	85.6	86.6	87.2	87.6	87.6	87.7	86.7			87.2 88.2	88.4
≥ 1800 ≥ 1500	38.0	75.0	79.1	82.6			87.0	87.7	88.0	88.0	88.1	88.1	88.6			90.0
≥ 1200 ≥ 1000 ≥ 900	38.2 38.2	75.6		83.2	85.6		87.8	88.4	88.8	88.88	88.9					
≥ 800	38 • 2	76.4	80.6	84.2	86.8	88.0	89.0	89.7	90.0	90.0	90.1		90.6 91.3	90.6	90.7	92.0 92.9
≥ 700 ≥ 600 ≥ 500	38.3	77.4		85.9	88 4	89.7	90.7	91.3		91.7	91.8	91.8			92.4	93.8
≥ 400	38.3		82.0	35.0	88.7		91.2	92.3	92.8	92.8	92.9	92.9				
≥ 200	38.3		82.0	86.0	88.7	90.2	91.3	92.6	93.0	93.3	94.0	94.0	95.1	95.3	1	97.3
≥ 0	38.3								93.0			94.1	-			100.0

TOTAL NUMBER OF OBSERVATIONS___

900

USAF ETAC FORM O-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2920-1100

CEILING							VISI	BILITY (STA	NTUTE MILI	E\$}						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 ⁄2	≥2	≥1%	≥11%	≥1	≥ 1,4	≥ 5/8	≥ ⅓	≥5/1ζ	≥'4	≥0
NO CEILING ≥ 20000	40.7 42.0	65•3 69•3	66.9 71.0	67.4 71.6	68.D 72.1	68•6 72•7	58.9 73.0	69 • 1 73 • 2	69.2 73.3	69.2 73.3	69.3 73.4	69.3 73.4	69.3 73.4	59.3 73.4	69.4 73.6	69.7 73.8
≥ 18000 ≥ 16000	42.0 42.0	69.3 69.4	71.0 71.1	71.6 71.7	72.1 72.2	72.7 72.8	73.0 73.1	73.2	73.3 73.4		- 1		73.4 73.6	73.4 73.6	73.6 73.7	
≥ 14000 ≥ 12000	42.0 42.3	69.7 70.6	71.3 72.3	71.9 72.9	72.4 73.6	73.5	73.3	74.9	73.8 75.0		73.9 75.1			73.9 75.1	74.0 75.2	
≥ 10000 ≥ 9000	43.7 43.8	74.1 74.3	76.2 76.4	76.8 77.0	77.7	78.0 78.2	78.6 78.8	78+9 79-1	79.0 79.2	79.0 79.2	79.1 79.3	-	79.1 79.3	79.1 79.3	79.2 79.4	1
≥ 8000 ≥ 7000	44.1	76.8 77.7		79.7 80.8	80.4	81.0 82.1	81.6 82.7	81.9 83.0	83.1	83.1	82 • 1 83 • 2	82.1 83.2	82 • 1 83 • 2	82.1 83.2	83.3	83.6
≥ 6000 ≥ 5000	44.6	78•4 79•9		81.6 83.1	82 .3 83.9	82.9 84.4	83.4 85.0	83.8 85.3	83.9 85.4		84.0 85.6		84.0 85.6	85.5	85.7	64.3 85.9
≥ 4500 ≥ 4000	45.1 45.6	81.0	84.6		85.0 86.1	85.6 86.7	86.1 87.2		86.6 87.7		86.7	87.8	86.7 87.8			88.1
≥ 3500 ≥ 3000	45.6 46.0	82.0 83.1	84.7 85.8	85.4 86.6	86.3 87.4	86.9	87.4 88.6			89.0	88.3 89.1	89.1	88.0 89.1	88.0 89.1	89.2	
≥ 2500 ≥ 2000	46.3 46.6	83.6 85.0	86.2 87.7	87.0 88.4	87.9		89.0 90.4				89.6 91.0	91.0	89.6 91.0		91.1	89.9 91.3
≥ 1800 ≥ 1500	46.6 46.8	85.0 85.8	88.4	89.4		90.0 90.9				91.9	91.1 92.0					92.3
≥ 1200 ≥ 1000	46 • 8 46 • 8	85.9 86.1	88.8 89.1	89.9 90.2	90.9	91.4 92.0		92.3 93.0		93.1	92.6 93.2	93.2			_	
≥ 900 ≥ 800	46.8	86.3 96.6			91.9		93.8		93.7	94.2	93.8	94.3	94.3	94.3		
≥ 700 ≥ 600	46.8 46.8	86.9 86.9	90.3	91.7 91.8	93.2	93.8 94.1		95.6			95.2 95.8	95.8	95.8			96.1
≥ 500 ≥ 400	46.8	86.9 86.9	90.6	92.2		94.7			96.8	96.9		97 '	97.4	96 • 8 97 • 4	97.6	97.8
≥ 300	46.8	86.9 86.9	90.6		94.D			97.0	97.2	97.4		98.3	98+5	98.6		99.2
> 0 > 1∪,	46.8	86.9 86.9					96.3		97.2 97.2					1		99.6 100.0

TOTAL NUMBER OF OBSERVATIONS 9

USAF ETAC JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12810

MACDILL AFR FL

67-70,73-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1230-1400

CEILING							VIS	BILITY (STA	TUTE MILI	ES)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥172	≥114	≥1	≥ 1,4	≥'₁	צ'י≤	≥5 '6	≥ .	≥0
NO CEILING ≥ 20000	52 • 8 54 • 4	75.2 78.2	73.4 78.7	73.7 78.9	73.9 79.1	73.9 79.1	73.9 79.1	73.9 79.1	73.9 79.1	74.1 79.3	74 • 1 79 • 3	74.1 79.3	74.1 79.3	74.1 79.3	74.1 79.3	
≥ 18000 ≥ 16000	54 • 4 54 • 6	78.3 78.6	1	79.0 79.2	79.2 79.4	79 • 2 79 • 4	79.2 79.4	79.2 79.4	79.2 79.4	79.4 79.7	79.4 79.7	79.4 79.7	79.4 79.7	79.4 79.7	79.4 79.7	79.4 79.7
≥ 14000 ≥ 12000	55.1 55.6	79.4 80.4		80 • 1 81 • 2	80.3 81.4	80.3 81.4	80.3 81.4	80.3 81.4	80.3 81.4	80.6 81.7	80.6 81.7	80.6 81.7	80.6	80.6 81.7	80.6 81.7	80.6 81.7
≥ 10000 ≥ 9000	57.6 57.7	83.9 84.6	84.4 85.1	84.7 85.3	84.9 85.6	84.9 85.6	84.9 85.6	84.9 85.6	84•9 85•6	85.1 85.8	85.1 85.8	85.1 85.3	85 • 1 85 • 8	85.1 85.8		
≥ 8000 ≥ 7000	59.1 59.6	87.1 88.3		87·9 89·1	88 • 1 89 • 3	88 • 1 89 • 3	88.1 89.3	88 • 1 89 • 3	88.1 89.3	88.3 89.6	88•3 89•6	89.6	88.3 89.6	88.3 89.6	88.3 89.6	88.3 89.6
≥ 6000 ≥ 5000	59.8 60.4	89.3	90.0 91.3	90 • 2 91 • 6	90.4 91.8	90.4 91.8	90.4 91.8	90.4 91.8	70.4 91.8	90.7 92.0	90.7 92.0		90.7 92.0	90•7 92•0	90•7 92•0	90•7 92•8
≥ 4500 ≥ 4000	4 . 03 60 . 8	91.1 92.0	91.8 92.8	92.0 93.0	92.2 93.3	92 • 2 93 • 3	92•2 93•3	92.2 93.3	92•2 93•3	92.4 93.6	92•4 93•6	92•4 93•6	92.4 93.6	92•4 93•6	92.4 93.6	
≥ 3500 ≥ 3000	68.9 61.7	92.6 94.4		93.6 95.4	93.9 95.8	93.9 95.8	93.9 95.8	93•9 95•8	93.9 95.8	94.1 96.8	94 • 1 96 • D	94.1 96.0	94 • 1 96 • 0	94•1 96•0	94.1 96.0	94.1 96.0
≥ 2500 ≥ 2000	62•2 62•3	95.4 95.9		96 • 7 97 • 6	97.0 97.9		97.0 97.9	97 • G 97 • 9	97.0 97.9	97.2 98.1	97.2 98.1	97.2 98.1	97·2 98·1	97•2 98•1	97.2 98.1	97.2 98.1
≥ 1800 ≥ 1500	62 • 4 62 • 4	96 • 1 96 • 2	97.3 97.4	97•9 98•D	98•2 98•4	98•2 98•4	98.2 98.4	98 • 2 98 • 4	98•2 98•4	98.4 98.7	98•4 98•7	98•4 98•7	98.4 98.7	98•4 98•7	98.4 98.7	98.4 98.7
≥ 1200 ≥ 1000	62 • 4 62 • 4	96.8 97.0		98 • 6 98 • 8	99.0		99.0 99.2	99•8 99•2	99•1 99•3	99.4 99.7	99•4 99•7	99•4 99•7	99 • 4 99 • 7	99.4	99.4 99.7	99.4
≥ 900 ≥ 800	62 • 4 62 • 4	97.0 97.1	98 • 2 98 • 3		99.2 99.3		99.2 99.3	99•2 99•3	99.3 99.4	99.7 99.8	99•7 99•8	99•7 99•8	99•7 99•8	99•7 99•8	99.7 99.8	
≥ 700 ≥ 600	62 • 4 62 • 4	97•1 97•1	98.3 98.3		99.3 99.3		99.3 99.3		99.4 99.4	99.8 99.8	99.8 99.8	1		99.8 99.8	99.8 99.8	
≥ 500 ≥ 400	62 • 4 62 • 4	97.1 97.1			99 • 4 99 • 4		99.4 99.4	99•4 99•4	99•6 99•6	99.9 99.9				99.9	99.9 99.9	
≥ 300 ≥ 200	62.4 62.4		98.4	99.0	99.6 99.6	59.6			99.7	100.0	100.0 100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	62.4	97.2 97.2			99.6 99.6		99•6 99•6				100.0 100.0					

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC NICE 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-- DA-TA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12813

MACDILL AFB FL

67-70,73-78

NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING				_			VISI	BILITY (ST	ATUTE MILL	ES)						
(FEET)	≥10	≥6	≥\$	≥4	≥3	≥2י	≥ 2	≥:'n	≥1'2	≥1	≥ ¼	وبر ≷	≥ '5	≥ 5/16	≥ .	≥0
NO CEILING ≥ 20060	53.2 55.4		70.Z	70.2 76.2	70 • 2 76 • 2	70 • 2 76 • 2	70.2 76.2		70 • 2 76 • 2		70.2 76.2	70 • 2 76 • 2		70 • 2 76 • 2		70.2 76.2
≥ 18000 ≥ 16000	55 • 7 55 • 8	76.6	76.6	76.6	76.6 76.9		76.6	76.6	76.6	76.6	76.6 76.9	76.6 76.9	75.5 76.9		76.5	76.6
≥ 14000 ≥ 12000	56.7 57.1	78.1 79.6	78.1	78.1	75.1 79.6	78.1	78 • 1 79 • 6	78.1	78.1 79.6	76.1	78.1 79.6	78.1 79.6	78.1	78.1 79.6	78.1 79.6	
≥ 10000 ≥ 9000	59.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.02
≥ 8000 ≥ 7000	60.2 50.8	85.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	83.E 86.9	86.9		86.9		86.9
≥ 6000 ≥ 5000	61.6	90.0	90.1	90.1	90.1	90.1	88 • 4 90 • 1	90.1	88.4 90.1	90.1	90.1	90.1	90.1	90.1	90.1	94.1
≥ 4500 ≥ 4000	64.3	91.9	92.9	92.9	92.9	92.9	92.2	92.9	92.9	92.2 32.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500 ≥ 3000	64 • 9 55 • 7	94.0 95.3	95.8	94.4	95.8	94.4	95.8	95.8	94.4	94.4	95.8	95.8	95.B	94.4		94.4
≥ 2500	66.4		97.4	96.9	97.0	97.7	97.7	97.0 97.7	97.5 97.7	97.7	97.7	97.7	97.7	97.0 97.7	97.7	1
≥ 2000	66.9 67.0		98.3 98.4	98.4	98.7	98.7	98.6 98.7	98.6 98.7	98.7	98.7	98.6 98.7	98.6 98.7	98.7	98.6 98.7	98.6 98.7	98.5 98.7
≥ 1500	67.0				99.1		99.1 99.7		99.1	99.1 99.7	99.1	99.7	99.1	99.1 99.7		99.7
≥ 1000	67.0		98.9 98.9				99.7		99.7	99.7 99.7		99.7	99.7			99.7
≥ 800	67.0				99.6		99.7	99.7	99.7	99.7			99.7	99.7		99.7
≥ 600	67.0		98.9 98.9				99.7		99.7							99.7
≥ 400	67.0	98.4	99.0		99.7		99.8	99.8	99.8	99.8	99.8	99.8	99.5	99.8	99.8	99.8
≥ 200	67.0	98.4	99.0	99.1	99.7	99.8	99.8	99.8			99.8	99.8	99.9	190.0	100.0	100.0
≥ 100	67.0						99.8			99.8		99.8				106.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC ALM 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE DESOURT

CEILING VERSUS VISIBILITY

1281J HAC

8

MACDILL AFB FL

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2500

CEILING							VIS	BILITY (STA	ITUTE MILE	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2?	≥ 2	21/4	≥1'2	≥1	≥ 1,0	≥ >⁄9	בי ≤	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	50.8 51.8	72.0 75.3	72.0 75.3	72.1 75.4	72.3 75.7			1	1		72.6 75.9	1				72.7 76.0
≥ 18000 ≥ 16000	51.9 51.9	75.6 75.6			1	- 1	t	76.1 76.1	•			76.1 76.1		76.2 76.2		76.2 76.2
≥ 14000 ≥ 12000	52•2 53•6	76.0 78.8	76.0 78.8		76.3 79.1		•		79.3	79.3	76.6 79.3	79.3	79.4	76.7 79.4		
≥ 10000 ≥ 9000	55.6 55.7	82.7 83.3		83.4		83.8	83.9	83.9	83.9	83.9		83.9	84.0	84.0	84.0	83.3 84.0
≥ 8000 ≥ 7000	56.3 57.3	85.2 87.1		87.4		87.8	87.9	87.9	87.5	57.9		87.9	88.0		88.0	
≥ 6000 ≥ 5000			92.1	89.5 92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	
≥ 4500 ≥ 4000			95.3	95.4	95.7	95.8	95.9	95.9	95.9	95.9		95.9	96.0		96+0	
≥ 3500 ≥ 3000	62.9		96.5	96.7	96.9	97.5	97.1	97.1	97.1	97.1	$\overline{}$	97.1	97.2	96.7 97.2	97.2	
≥ 2500 ≥ 2000	62.9 63.0	96.2 97.2	97.7	96.8 97.8 98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	93.6	97.3 98.6 98.8	98.6	98.6
≥ 1800 ≥ 1500 ≥ 1200	63.1		98.0	98.1		98.7	98.8	98.8	98.8	98.8		98.8	98.9	98.9	98.9	
≥ 1000	63.1		98.2	98.3	98.8	98.9	99.D	99.0	99.0	99.0		69.G	99.1	- 1	99.1	99.1
≥ 800	63.3	1	98.3	98.4		99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
≥ 600	63.3		98.6	98.7	99.3	99.4	99.6	99.6	99.6	99.6		99.6	99.7	9957	99.7	99.7
≥ 400	63.3	97.9		98.8		99.6	99.7	- 1	99.7	99.7		29.7	99.8	99.8	99.8	99.8
≥ 200	63.3		98.7	98.8	99.6	99.7	49.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0		97.9	,	9838	- :			-1	-				-			

TOTAL NUMBER OF OBSERVATIONS...

900

USAF ETAC FORM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

-DA-TA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							ViS	BILITY ST	ATUTE MILE	S 1						
(FEET)	≥10	≥6	≥5	≥4	≥3	22:2	≥2	21%	≥1%	≥1	≥ ↓.	≥ 2/8	≥ 47	≥5 16	≥.	≥0
NO CEILING ≥ 20000	50.7 51.7	72.7 74.9			74.1 76.3	74 • 1 76 • 3	74 • 3 76 • 6	74.3 76.6	74.4 75.7	74.7 76.9	74.7 76.9	74.7 76.9		75.2 77.4	75.2 77.4	1
≥ 18000 ≥ 16000	51.7 51.7	75.0 75.0		76 • 1 76 • 1	76.4 76.4	76.4 76.4	76.7 76.7	76.7 76.7	76.8 76.8	77.0 77.0	77.0 77.0			77.6 77.6	77.6	77.7
≥ 14000 ≥ 12000	52.1	75.1 76.4		?7.6		76.6 77.9	76.8 78.1	76.8 78.1	76.9 78.2	77.1 78.4	77 • 1 78 • 4	77.1 78.4	77.6 78.9	77•7 79•8	77•7 79•0	79.1
≥ 10000 ≥ 9000	54.0 54.2	80.9	81.8		82.3			82.1 82.6							83.4	83.6
≥ 8000 ≥ 7000	56.2 56.8	85.0	85.9		85.4 86.4		86.8	85.8 86.8		86.1 87.1	87.1	86.1 87.1	86.6 87.6	87.7		86.8 87.8
≥ 6000 ≥ 5000	57.8 58.9		89.1	87.6	89.7					88.6 90.3	88.6 90.3			98.9	89.1 90.9	
≥ 4500 ≥ 4000 ≥ 3500	59.1 59.8 60.2	99.1	91.1	91.3				92.0	92.1	90 • 7 92 • 3		90.7	92.8	92.9	92.9	93.0
≥ 3500 ≥ 3000 ≥ 2500	6D • 8	91.9	93.1	92.7 93.3 93.7	93.0 93.7 94.0	93.7	93 • 3 94 • 0	94.0	94.1	94.3	94.3	93.7	94.8	94.9	94.9	95.0
≥ 2000	61.1	93.2	94.4	94.7	95.9			95.3	95.4	95.7	95.7		96.1	96.2		96.3
≥ 1500	61.2	94.1	95.3	95.6	95.9	95.9	96.2	96.2	96.3	96.6	96.6	96.6 96.9	97.0	97.1	97.1	97.2
≥ 1000	61.6	94.7		96.2	96.6	96.6	96.9	96.9	97.0	97.2	97.2	97.2 97.2	97.7	97.8	97.3	97.9
≥ 800	61.9		96.2	96.4	96.8	96.8	97.1	97.2	97.3	97.6	97.6	97.6	98.0	98.1	98.4	°8.2
≥ 600	61.9				97.3	97.3	97.7	97.8	98.B	98.2	98.2	98•2 98•8	98.7	98.8	98.8	90.9
≥ 400	61.9					97.9 97.9	98.2			98 · 8	98.8 98.8	98.8	99.2	99.3	99.3	99.4
≥ 200	61.9					97.9		98.3	98.6	98.8 98.8		98.8 98.9		99.3		
] ≥ 0	61.09	95.4	97.1		1	. 1		98.3		98.8	98.9	98.9	99.4	99.7	1	100.0

TOTAL NUMBER OF OBSERVATIONS 905

USAF ETAC AT 44 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE DISOLE

UAIA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

MACDILL AFB FL

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CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL POURS IST

CEILING			-				VIS	BILITY (ST	ATUTE MILI	ES)						
FEET	≥10	≥6	≥5	≥4	≥3	≥2 2	≥?	د.1≷	≥1%	≥1	≥ ,•	≥ 3-3	≥ ?	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	46.8 47.8			71 • 1 74 • 3	71.5 74.7		72.0 75.2			72 · 3 75 · 5				72.6 75.8		73.0 76.2
≥ 18000 ≥ 16090	47.9 47.9		1	74 • 4 74 • 5	74.9 75.0	75.1 75.2	75 • 3 75 • 4			75.7 75.7	75.7 75.8	75.8 75.8		76.0		
≥ 14000 ≥ 12000	48.2 48.5	74.4	74.3 75.6	75.5 76.3	75.4 76.8	- 1	1		1	76.3 77.6	1			76.6 77.9	76.7 78.1	
≥ 10000 ≥ 9000	50.6 50.7	78,3	79.6	80.3	80.8	81.0	81.3	81.4		81.6	81.3 81.7			81.5 81.9		82.4
≥ 8000 ≥ 7000	51.6 52.1	81.3	83.1		84.4	84.6	84.9	85.0	85.2	85.2	84.0 85.3	85.3	85.5	84.2 85.5		86.0
≥ 6000 ≥ 5000	52.7 53.5	84.7	86.1	85•2 86•9	87.4	87.7	88.0	88.1	86.6 88.2	86.6 88.3	86•7 88•4	88.4	88.6	86•9 88•6	87.1	39.0
≥ 4560 ≥ 4000	53.9 54.7	85.5 86.9	83.5			90.1		90.5	93.7	89•2 90•7	89•3 90•8	90.9	91.0		89.6 91.2	91.5
≥ 3500 ≥ 3000	55.0 55.7	8.83				92.0	42.3	92.5			91.6 92.8	92.8	93.0			93.4
≥ 2500 ≥ 2000	55.9 56.2	89.2 90.1	91.8		93.3	93.6			94.1	93.2 94.2	93•3 94•3	94.3	94.5			
≥ 1800 ≥ 1500	56.4 56.4		92.3	92.7	93.9	94.2					54.9		95.1	94.7 75.2		
≥ 1200 ≥ 1000	56.5 56.5	91.2	92.9	93.6		94.9	95.2		95.3					95.9		96.4
≥ 900 ≥ 800	56.6	91.6	93.5			95,5	95 - 8	96.0	96.2		96.4	96.4	96.5		96.7	97.8
≥ 700 ≥ 600	56.7 56.7		93.9	94.9		96.2	96.5	96.7	96.8	96.9	97.D	97.1	97.2	96,9 97.3	97.4	97.7
≥ 500 ≥ 400	56.7 56.7	92.0	94.2		96.3	96.7	97.1		97.5	97.6	97.8	97.9	98.0	98.0	98.2	98.5
≥ 300 ≥ 200	56.7 56.7	92.1		95.3	96.3	95.8		97.6	97.8	97.9	98.2	98.3	98.5	98.6	98.8	99.2
≥ 100 ≥ 0	56.7 56.7	92•1 92•1			,	96 • 8 96 • 8	. 1			- 1						99.7

67-70,73-78

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC AT 44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DISOLE

-UA-TA- PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

HACDILL AFB FL 57-70,73-78

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING							VIS	BILITY 'ST	ATUTE MIL	ES)						
·FEET·	≥10	≥6	≥5	≥4	≥3	≥27	≥?	≥17	≥114	≥1	مۂ ≼	≥ 29	≥ ∻	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	45.7	62.8 64.2				63.7 65.2	63.8 65.3						54.4 55.9	64.6 65.1	65 • 1 66 • 6	
≥ 18000 ≥ 16000	46.2	64.4 64.6		65 • 1 65 • 3	55.2 65.4		65.5 65.7	55.6 55.8		65.7 65.9	65.7 65.9	65.7 65.9	66.1 66.3	66.3 66.6	66.8	67.4
≥ 14000 ≥ 12000	46.5 47.8	64.9	65.3	65.6 57.5	65.7 57.6	65.9 67.8			56.2 68.2	56.2 68.2	66.2 68.2	66.2 68.2	66.7 68.6	56.9 58.8	67.3 59.2	68 • D 69 • 9
≥ 10000 ≥ 9000	48.9	70.5	69.9 70.9	71.2	71.3	71.5	71.6	70.9 71.8	71.9	. ,			71.5 72.5		72.2 73.1	72.6 75.6
≥ 8000 ≥ 7000	50.2 51.0	72.2	73.9	74.2	74.4	74.6	74.7	73.5 74.9		73.7 75.2	73.7 75.2	73.7 75.2	74.2 75.7	74.4 75.9	74 • 8 76 • 5	75.5 77.1
≥ 6000 ≥ 5000	51.9 53.2		75.2	77.5	75.7	78.d	78.1	76.2 76.3		75.5 78.5	,	76.6 78.6	77.1 79.1	77.3 79.4	77.8	78.5 80.5
≥ 4500 ≥ 4000	59.7	77.6 88.5	78.U 81.0	81.4	76.5 81.6		81.9	79.0 82.2		79.2 82.4	79.4 £2.5	79.4 82.5	79.9 83.0		80.6 83.8	
≥ 3500 ≥ 3000	55.8 56.6	82.0	82.5 84.0	84.4	83.1 64.6	83.3	84.9	83.7 85.3	83.8 85.4	83.9 85.5	84.0 85.6	85.6		84.7		86.C 87.6
≥ 2500 ≥ 2000	57.4	85.3 86.5			86.6	86.8	88.5	87.2 88.8	88.9	87.4 89.5	87.5 89.1	87.5 89.1	88.1	1	88.7 90.5	91.3
≥ 1800 ≥ 1500	58.1	85.9 87.1	87.5 87.7	88.1	88.3	88.5			89.0 89.2	69.1 89.4	89•2 89•5	89.5		1	95.6 90.9	· · ·
≥ 1200 ≥ 1000	58.4	88.5			90.4		90.6		91.4		41.6			92.4	93.0	1
≥ 900 ≥ 800	\$8.4 58.6	89.7	89.8 90.4		91.7		91.7		92.8	92.3		93.0	93.7		94.5	95.3
≥ 700 ≥ 600	58.6	90.2 98.5	91.4		93.0		93.4		94.2		94.1	54.4	95.1		95.9	96.7
≥ 500 ≥ 400	58.9 58.9	91.1	91.9	92.9	93,5		94.3	94.6		95.2	95.3		96.0		96.9	97.6
≥ 300 ≥ 200	58.9 58.9	91.3	92.3	93.3	94.1		94.8	95.3		95.8		96.0		97.4	98.4	
≥ 100 ≥ 0	58.9	91.3	92.3	93.3			94 • 8 94 • 8	95.4	95.7 95.7	95.9	96.1	96.1	97.3	97.5	98.7 98.7	99.7

TOTAL NUMBER OF OBSERVATIONS.

USAF ETAC ALM 0-14-5 (OL A) MEVIOUS EDITIONS OF THIS FORM ARE ORSOLITE

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FRCM HOURLY OBSERVATIONS)

0300-0500

CEILING							V15	BILITY (STA	TUTE MIL	ES)						
·FEET·	≥16	≥6	≥5	≥4	t≤	≥22	≥2	≥ו'כ	≥1%	≥1	≥ 1,	≥ 2-9	≥ ?	≥5 16	≥ •	≥0
NO CEILING ≥ 20000	41.8 41.8	62.3 63.7		64.0 65.4	1	65 • 1 66 • S		67.1	65.8 67.2	65.8 67.2	65.8 67.2	65.8 67.2	65•8 67•2		66.0 67.4	
≥ 18000 ≥ 16000	41.8 41.8	63.9 63.9	64.9 64.9	65.6 65.6	66.3	66.7 66.7			67.4 67.4	67.4 67.4	1	67.4 67.4			57.6 67.6	8.88
≥ 14000 ≥ 12000	41.8	64.0 64.8		65.7 65.6	66.5			68.3	67.5 68.4	67.5 68.4	67.5		68.4	68.4	67•7 68•6	
≥ 10000 ≥ 9000	43.3	67.3	69.2		69.8 70.6	78 • 1 71 • 0		71.6		70.9 71.7	71.7		71.7		71.1 71.9	73.1
≥ 8000 ≥ 7000	44.0 44.6	70.2 71.4	71 3 72•5	71.9 73.1	72.7 74.0	73.0 74.3	73.2	73.7 74.9	73.8 75.1	75.1	75.1	75.1	75.1	73.8 75.1	74.0 75.3	76.5
≥ 6000 ≥ 5000	45.4 46.6	72.5 74.7	73.5 75.8	74 • 2 76 • 5	75.1 77.3	75.4	75.6 77.8	76.0 78.3	78.4	76.1 78.4	76.1 78.4	76.1 78.4			76.3 78.6	79.9
≥ 4500 ≥ 4000	47.1 48.1	75.4 78.0	79.1	77.1 79.9	78.9 81.1	78.3 81.4	81.7	78.9 82.2		82.3	82.3	79.0 82.3	82.3	82.3	82.7	84.6
≥ 3500 ≥ 3000	49.8	79.8 80.6	81.8	31.7 82.6		83.2 84.2	83.5 84.5			84 • 1 85 • 1	84 • 1 85 • 1	84.1 85.1	34.1 85.1	84.1 85.1	84.5 85.5	85.6
≥ 2500 ≥ 2000	51.3 51.6	82.8		86.0		85.7	87.0 88.0				87.5 88.5			87.5 88.5	88.0 88.9	90.2
≥ 1800 ≥ 1500	51.6 51.6	84.2		86.7 87.1	88.0	88.7	89.0							89.1 89.6		91.3
≥ 1200 ≥ 1000	51.7 51.7	85.2 85.3	86.8	87.7 87.8		89.4 89.5	89.7 89.8	90•1 90•2							90.8	92.2
≥ 900 ≥ 900	51.7 51.7	85.6 85.7	87.4	88.3 88.4	89.6	89 • 9 9B • 0	90.2									92.8
≥ 700 ≥ 600	51.7 51.7	86.2	88.0	89.5	90.6	91.0	91.3 91.7	92.2				91.9	92.4			94.2
≥ 500 ≥ 400	51.8 51.8	86.8	88.9	90 • 1 90 • 4	91.7	92.6		92.8 93.3	93.0 93.5	93.5	93.5	93.8 93.5	93.5	93.0 93.5	93.4	95.4
≥ 300 ≥ 200	51.8 51.8	87.2	89.1					93.7	93.9	93.9 94.4	93.9	93.9	95.1	94.0	95.8	97.4
≥ 100 ≥ 0	51.8 51.8		- '		92.6 92.6			94.1 94.1	94.5 94.5		95•1 95•1	95.1 95.1	-	95.7 96.0		100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ALM 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM ARE ORBIGE

930

1

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

12510

MACDILL AFE FL STATION NAME

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0600

CEILING							ViS	BILITY STA	ATUTE MILI	ES)						
4FEET1	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥1%	داا≤	≥1	ک کو	≥'₃	≥ ÷	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	31.7 32.5	52.2 54.0	55.3 57.1	56.8 58.6	58.4 60.2	58.6 60.4	59.7 61.5	60.1 61.9	50.6 62.5	61.2 63.0	61.5 63.3				62.4 54.2	62.9 54.7
≥ 18000 ≥ 16000	32.5 32.7	54•2 54•3	57.3 57.4		60.4 50.5	60.6 60.8		52.Z 52.3	52.7 62.8		63.5 63.7			-		64.9 65.1
≥ 14000 ≥ 12000	32.8 33.1	54.4 55.4	57.6 58.7	59 • 1 60 • 2	60.8	61.0 62.0	52.0 63.1		63.0 64.1			64.0 65.1				
≥ 10000 ≥ 9000	33.9 34.4	57.4 58.3	66.8 61.6	62.3 53.1	63.9 64.7	64.1 54.9	65•2 66•0		66.1 67.0					67•4 68•3		
≥ 8000 ≥ 7000	35.2 35.8	50.4 62.0	63.8 65.4	65 • 3 66 • 9	66.9 68.5	67.1 68.7				69.7 71.3	70.0 71.6			70.4 72.9		
≥ 6000 ≥ 5000	36.2 37.0	63.2 65.4	66.6 68.7	68.1 70.2	69.7 71.9	69.9 72.2			71.9 74.2	72.5 74.7	72.8 75.1			73.2 75.5		74.2 76.5
≥ 4500 ≥ 4000	37.5 38.6	66.0 67.7	69.4 71.3	70.9 72.6	72.6	72.8	1	74.3 76.2	74 • 8 76 • 8		75.7 77.6			76 • 1 78 • 1	76.6 78.5	77.1 79.0
≥ 3500 ≥ 3000	39.6 40.3	69.0 70.6	72.6 74.3	74 • 1 75 • 9	75.9 77.7	76.5 78.1	77.1 79.1	77.5 79.6	78.1 80.1	78.6 80.6	78.9 81.0			79.4 81.4	79.8 81.8	
≥ 2500 ≥ 2000	41.3 41.4	72.7 74.2	76.7 78.2	78.5 80.0	80.5 82.3	80.9 82.6		82•4 84•2	82.9 64.7		83.8 85.7			84 • 2 85 • 1		85.2 87.1
≥ 1800 ≥ 1500	41.4 41.5	74.2 74.9	78•3 79•0	80.1 81.0	82.4 83.2	82.7 83.5	83.9 84.8	84•3 85•3	84 • 8 85 • 8		85.8 86.8			86•2 97•2		87.2 88.2
≥ 1200 ≥ 1000	41.6 41.6	75.3 75.7	79•5 80•0	81.5 82.0	83.8 84.3	84.2 84.7	85.5 86.0	85.9 86.5	86.5 87.0	-				87.8 88.4	88.3 88.9	85.8 89.6
≥ 900 ≥ 800	41.6	76.5 76.8	80.5 81.3	82.9 83.4	85.2 85.8	85.6 86.2		87.4 88.3	88.C		88.9 89.8			89.4 90.2	89.9 90.8	
≥ 700 ≥ 600	41.6	76.9 77.2	81.6 82.2	83•8 84•3	86.2 87.1	86.7 87.5			89.5 90.3		90.4 91.3			í ı	91.4 92.3	92.0 93.1
≥ 500 ≥ 400	41.6 41.6	77.4	82.5 82.6	84 • 8 84 • 8	88.D 88.D	88.4 88.4		90.6 90.6						93.0 93.0	93.7 93.7	
≥ 300 ≥ 200	41.6 41.6	77.4 77.4	82•7 82•7	84.9 84.9	88 • 1 88 • 2	88.5 88.6		91.0 91.5				- 1	•	93.5 95.5	94.2 96.1	
≥ 100 ≥ 0	41.6 41.6	77.4 77.4	82.7 82.7	84.9	88.2									95•9 95•9		99.2 100.0

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 11.44 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE DESCRI

DATA PROCESSING BRANCH USAF ETAC AIR MEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFR FL

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

3900-1100

CEILING							VIS	BILITY (STA	TUTE MILE	 :S						
FEET	≥:0	≥6	≥5	≥4	≥3	≥27	≥?	≥1∻	≥1.	≥ı	≥ ¼	≥ >•	≥ 7	≥5 16	≥ .	≥0
NO CEILING ≥ 20000	37.1 38.6	57.6 61.2	60.1 63.9	61.4 65.2	61.6 65.6	61.6	62.3 66.G	1		62.9 66.7		63.2 67.0	63.3 67.1		63.5 67.3	53.7 57.4
≥ 18000 ≥ 16000	38.6 36.6	61.2 61.3	63.9 64.0	65.2 65.3	65.6 65.7	65.6 65.7	56.1 56.2	56.6 66.7	66.8	56.6	67.0 67.1		67.2 67.3		67.4 67.5	67.5 67.6
≥ 14000 ≥ 12000	38.6 38.7	61.4	64 • 1 66 • 0	65.4 57.5	65.8 67.7	65.5 67.7		56.8 68.7	67.0 69.0	67.0 69.n		67.3 69.4	67.4 69.5			57.7 59.8
≥ 10000 ≥ 9000	40.1 40.1	64.9 65.6		69.1 69.8	69.7 70.3	69.7 70.3	70.3 71.0	70.8 71.4		71.1 71.7	? <u>1</u> .3			71.5 72.3	71.7 72.4	
≥ 8000 ≥ 7000	4C.3	66.9 68.4	69.9 71.4	71.2 72.8		71.8 73.5	1	- 1	73.2 74.9	73.2 74.9	73.4 75.2	73.5 75.3				74.0 75.7
≥ 6000 ≥ 5000	41.8 42.2	69.7 71.1	;	74.1 75.5	74.7 76.1	74.6 76.2		75.9 77.3	76.2 77.6	76•2 77•6	75.5 77.8	- 1		76.8 78.2		77.0 78.4
≥ 4500 ≥ 4000	42.5 42.8	- 1		76.3 78.5		77.1 79.6	77.7 80.2		78.5 81.0			78.8 81.3		79.0 81.5	79.1 31.6	
≥ 3500 ≥ 3000	43.5 43.8	74.8 76.5		79.8 81.5		80.9 82.8	81.5 83.4		82.3 84.2	82.3 84.2	82.5 84.4					
≥ 2500 ≥ 2000	44.8	78.4 79.9	81.8 83.4		ı		85.7 38.6			86.5 89.5		86.8 89.8		87.0 90.0	87.1 98.1	
≥ 1800 ≥ 1500	44.9 45.2	80.1 31.1		85.8 86.9	87.6 85.8	87.8 89.0			89.7 91.0	89.7 91.1		90.0 91.4		90•2 91•5	90.3 91.7	, ,
≥ 1200 ≥ 1000	45.3 45.3	81.4 82.0		87.2 88.0		- 1			1		92•3 93•9	_			92.7 93.4	
≥ 900 ≥ 800	45.4	82.5 82.6		88.4 88.7		1	92.0 92.6		93.2 93.8		93.5 94.1		93.8 94.3	_	94.0 94.5	
≥ 700 ≥ 600	45.5 45.6	82.7 83.0							94.1 94.8	94.2 94.9	94 • 4 95 • 2	94.5 95.3		94.7 95.5	94.8 95.6	1 1
≥ 500 ≥ 400	45.7 45.7	83.1 83.1						95.2 95.8			96 • E		96.3 97.1		96.7 97.4	
≥ 300 ≥ 200	45.7 45.7	83.1 83.1				1	3	96.2	96.8 96.9	97.1 97.3					98.1 98.9	1
≥ 100 ≥ 0	45.7 45.7	83.1 83.1	87.0 87.0			93.3 93.3		_	96.9 96.9	97.3 97.3		-	98.3 98.3			99.8 190.0

TOTAL NUMBER O' OBSERVATIONS____

930

USAF ETAC AT AL 0-14-5 (OL A) MEMOUS EDITIONS OF THIS FORM AND ORBIGING

DATA PROCESSING SPANCH USAF ETAC AIP *EATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12513

MACDILL AFB FL

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1406

CERING							vis	BHITY ST.	ATUTE MILI	<u> </u>					-	
FEET.	≥10	≥6	≥5	≥4	≥3	≥27	≥2	≥17	≥1.	≥1	≥ ¼	≥ '9	≥ ∿	≥5 16	≥.	≥0
NO CEILING ≥ 20000	49.7 51.6	65.2 69.4			56.0 70.2	56.0 76.2	66.Q						-	,	66.0 70.2	
≥ 18000 ≥ 16000	51.6 51.6		69.6					70.2	79.2	70.2	70.2	70.2	70.2	70.2	70.2	70•2 70•2
≥ 14000 ≥ 12000	51.6 52.3	69.6 71.2			70.4 72.0	70.4	73.4	70.4	70.4	79.4	70.4	70.9	78.4		70.4	
≥ 10000 ≥ 9000	53.4 53.8	1 - 1 - 1	73.7 74.5	74.0 74.6	: :	74.4 75.1	- 1	74.4 75.1	74.4 75.1	74.4 75.1	74.4 75.1	74.4	74.4 75.1	74.4 75.1		74.4 75.1
≥ 4000 ≥ 7000	55.2 50:1		77.3 78.8	77.6 79.1		78 • 1 79 • 6		78.1	78.1	76.1 79.6	78.1	78.1	78.1	78.1	78.1	75.1
≥ 6000 ≥ 5000	57.4 56.2	85.1 81.4	50.4 61.5			61.3 82.6	7	81.3		81.3 82.8	81.3		81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000	58.7 59.8	82.4 84.7	82•8 85•2	83.Z 85.7		83.9 86.5		83.9		83.9 86.5		83.9 85.5	83.9 85.5		83.9 86.5	
≥ 3500 ≥ 3000	50.3 61.3	56.1 88.9		7,17	88.Z 91.D	-							88.2 91.0	86.2		28.2
≥ 2500 ≥ 2000	61.3	90.9 91.6		91.2 93.4	1	92.5	!	92.5 94.5				92.5 94.8	92.5 94.8			
≥ 1800 ≥ 1500	51.7 51.7	91.8 92.2		93•8 94•3		i	7			95.2 95.8		95.2 95.8	95.2 95.8	95.2 95.8		95•2 95•8
≥ 1200 ≥ 1000	61.9 62.0				-1	97.d		97.1 97.5				97.1 97.6	97.1 97.6			97.1 97.6
≥ 900 ≥ 800	62.0 62.2			95 • 6 95 • 8		97.2 97.4			97.6 97.5	97.7 98.0	97.7 98.0	97.7 98.8	97.7 98.0	1 1	97.7 98.0	
≥ 76° ≥ 1.0	გ2.3 გ2.3	93•2 93•3		96 • 3 96 • 3	97.8 93.Z	97.8 98.3	7	98.4 98.9	1	98.5			98.5	98.5	98.5	98.5
≥ 500 • 400	62•3 62•3	93.3 93.3	95.6 95.6	96.6 96.5		93.6 98.5		99.≥ 99.5		99•6 99•7			99.6			99.5 99.7
≥ 300 ≥ 200	62.3 62.3	93.3 93.3	95•6 95•6	96•6 96•6		98.6 98.6		99.6 99.6	- 1	:	1	99.8	99.9	99.5	77.9 100.0	99.9
≥ 100 ≥ 0	62.3 62.3	93•3 93•3	95.6 95.6	7			98.9 98.9	99.6 99.6		99•8 99•8					100.0 100.0	

TOTAL NUMBER OF OBSERVATIONS 53

USAF ETAC ASAM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORDIGET

DATA PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

12510

MACDILL AFB FL

67-70, /3-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700

CEILING							VIS	IBILITY (ST	ATUTE MILI	S)						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2 n	≥2	≥ולו	≥11/4	اي≲	≥ %	≥ ¾	בי'ז	≥5 16	≥	≥0
NO CEIUNG ≥ 20000	54.2 57.3	-	66.3 72.2	66.8 72.6	66.9 72.7	66.9 12.7	66 • 9 72 • 7	66.9 72.7	66.9 72.7	66.9 72.7	66.9 72.7	66.9 72.7	66.9 72.7	66.9 72.7	66.9 72.7	66 • 5 72 • 7
≥ 18000 ≥ 16000	57.3 57.3	72.0 72.0		72•7	72.8 72.8	72.8 72.8	72.8 72.8		72.8 72.8	72.8 72.8		72.8 72.8	72.8 72.8		72.8 72.8	72.8 72.8
≥ 14000 ≥ 12000	57.5 58.3	74.2	73.1 74.4	73.5 74.8	73.7 75.1	75.7 75.1	73.7 75.1	75.1	73•7 75•1	73.7 75.1	73.7 75.1		73.7 75.1	75.1	73.7 75.1	73.7 75.1
≥ 10000	59.6 60.2	77.1	77.3	77.1 77.7	77•3 78•0	77.3 78.0	77.3 78.0	_	77.3	77.3 78.0	78.0				77.3 78.0	78.0
≥ 8000 ≥ 7000	61.6 63.0	82.4			80.5 83.4	80.5 83.4	80.5 83.4	83.4	80.5 83.4	80.5 83.4	83.4	80.5 83.4	80.5 83.4	80.5 83.4	80.5 83.4	80.5
≥ 6000 ≥ 5000	65.2		84.4	84.8	85.1	35.1 86.9	85 • 1 86 • 9	_	85.1 86.9	85.1 86.9			85.1 86.9			85.1
≥ 4500 ≥ 4000	66.3				91.1		88.3	91.1	91.1	88.3 91.1	91.1	88.3 91.1	88.3 91.1	88.3	88.3 91.1	91.1
≥ 3500	69.4	92.4	93.0	93.5	94.0	94.2	92.3		92.4	92.4		92.4	92.4	92.4	92.4	94.3
≥ 2500 ≥ 2000	69.5	94.2		95.8	94.8		93.2 96.8	97.1	95.4	95.4 97.1	95.4	95.4 97.1	95.4	95.4 97.1	95.4 97.1	95.4
≥ 1800 ≥ 1500 ≥ 1200	69.9 69.9	94.6		96.0 96.3 96.6	96.7 97.0 97.2	97.4 97.4	97.0 97.4	97.7	97 • 3 97 • 1 98 • 3	97.3 97.7 98.3	97.7	97.3 97.7 98.3	97.3 91.7 98.3	97.7	97.3 9.7 98.3	97.7
≥ 1000	69.9	95.1	96.1	96.9	97.5		98.0 98.3 98.5	98.6	98.6	98.6	98.6	98.6		98.6		98.6
≥ 900 ≥ 800 ≥ 700	69.9	95.4	96.5	97.2	97.8	98.3	98.6	99.0			99.0	99.0				
≥ 600	69.9	95.6	96.8	97.	.3	98.7	99.8	99.7	99.7	99.7	99.7	99.7	99.7		99.7	99.7
≥ 400	69.9	95.6	96.8	97.6	98.5	98.9	99,2	100.0	100.0	00.00	100.0	100.0	100.0	100.0	100.0	1
≥ 200	69.9	95.6	96.8	97.6	9835	98.9	99.2	100.0	100.0	190.0	100.0	100.0	100.0	100.0	100.0	00.0
≥ 100 ≥ 0	69.9			97.6												100.0

TOTAL NUMBER OF OBSERVATIONS...

931

USAF ETAC NE O-14-5 (OL A) MEVICAT EDITH FORM ARE O

-- PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

TO THE REST

MACDILL AFB FL

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-5000

CEILING							VIS	IBILITY (STA	TUTE MILI	ESı						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2½	≥ 2	21%	≥1%	≥1	≥ 1,	≥ >-3	≥5	≥ 5.16	≥	≥0
NO CEILING ≥ 20000	53.1 54.7	68.8 71.8	69.0 72.1	69.0 72.1	69.4 72.5	69.5 72.6		69.5 72.6	69.5 72.6		69.6 72.7	69.6	69.6	69.6	69.7 72.8	59.7 72.8
≥ 18000 ≥ 16000	54 • 8 54 • 8	1.9	72.2	72.2	72.6	72.7	72.7	72.7	72.7	72.8	72.8 72.8	72.8	72.8 72.8	72.8	73.0	73.0
≥ 14000 ≥ 12000	55.3 56.5	-, , ह्र ७३ . ५	72.8	72.8	73.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ '0000 ≥ '0000	57•8 58•0	76.7	77.0 77.6	77.0	77.5	77.6	77.6 78.1	77.6	77.6 78.1		77.7 78.2	77.7	77.7 78.2	77.7	77.8 78.3	77.8
≥ 86.Y) ≥ 7000	58.5 59.8	78.8 80.4	79.1 89.8	79.1 80.9	79.5 81.4	79.6	79.6	79.6	79.6 81.5	79.7	79.7		79.7	79.7	79.8	79.8
≥ 6000 ≥ 5000	60.7 62.0	81.7	82.2 84.3	82.3 84.4	82.9 84.9	83.1	83.1 65.1	83.2 85.2	83.2 85.2	83.3 85.3	83.3 85.3				83.4 85.5	83.4 85.5
≥ 4500 ≥ 4000	63.4 64.9	85.6 88.6	86 • 3 89 • 3	86.5 89.5	87.1 90.1	87.3 99.3			87.4 90.4		87.5 90.5	87.5	87.5	87.5	87.6	87.6
≥ 3500 ≥ 3000	65.4 65.7	89.5 91.1	90.3 91.5	90.5 92.2	91.1	91.3 93.0			91.4 93.1	91.5 93.2	91.5 93.2		91.5 93.2		91.6 93.3	
≥ 2500 ≥ 2000	66 • 1 66 • 2	91.6 92.1	92.3 92.9	92.9 93.6	93.4 94.2	93.6 94.4		93.8 94.5	93.8 94.5	93.9 94.6		93.9		93.9		
≥ 1800 ≥ 1500	66 • 2 66 • 2	92.3 92.8	93.1 93.5	94.0 94.4	94.5 94.9		94.7 95.2	94.8 95.3	94 • 8 95 • 3	94.9 95.4		94.9 95.4		94.9	95.0 95.5	
≥ 1200 ≥ 1000	66 • 2 66 • 3	93•2 94•0	94.5	- , 1	95.5 96.6	95.7 96.8	95 • 7 96 • 8	96.2 97.3	96.2 97.3	96•3 97•4			1	-		96.4 97.5
≥ 900 ≥ 800	66 • 3	94.2 94.2		96.2		97.1 97.2		97.6 97.7	97.6 97.7			97.7 97.8				- , , ,
≥ 700 ≥ 600	66.3	94.7 94.6	95.7 95.8	96.9	97.4 97.5						98.4 98.5			98.4	98.5 98.6	
≥ 500 ≥ 400	66 • 3 66 • 3	94.8 94.8		97.1		98.4	98.6	99.4				99•2 99•5		99.5	99.4 99.6	
≥ 300 ≥ 700	66 • 3 66 • 3	94.8 94.8		97.1		98.4	98.7	99.5		99.6		$\overline{}$	99.6	99.6		99.7
≥ 1.0 ≥ 0	66 • 3 66 • 3	94.8 94.8	95.9 95.9	97.1 97.1	98.1 98.1			99•5 99•5	99.5 99.5	99.6 99.6						100.0 100.0

TOTAL NUMBER OF OBSERVATIONS_

921

USAF ETAC AUL 44 0-14-5 (OL A.) MEYIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CEILING VERSUS VISIBILITY

12310

0

MACOILL AFB FL

67-79,73-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300

CEILING							VIS	BILITY (STA	ATUTE MILE	ES1						
(FEET)	≥10	≥6	≥5	≥4	≥3	≥25	≥2	≥177	≥1%	≥1	≥ 3,4	≥ 2/9	≥ '2	≥5/16	≥.	≥0
NO CEILING ≥ 20000	50.9 52.0	67.5 69.8	67.5 69.8	67.7 70.0	67.7 70.0	67.9 70.1	67.9 70.1	67.9 70.1	68.0 70.2	68.3 70.6		68.3 70.6	68.5 70.9	68.5 71.0		68.8 71.4
≥ 18000 ≥ 16000	52.0 52.0	69.8 69.8		70.0 70.0	70.0 70.0	70 • 1 70 • 1	70.1 70.1	70.1 70.1	70.2 70.2	70 • 6 70 • 5		70.6 70.6	78.9 70.9	71.0 71.0	71.3 71.3	71.4 71.4
≥ 14000 ≥ 12000	52.5 52.9	70.1	70.1	70.3	70.3	70.4 71.8	70.4 71.8	70.4 71.8	70.6 72.0	70•9 72•3	72.3	70.9 72.3	71.2 72.6	/1.3 72.7	71.6 73.0	73.1
≥ 10000 ≥ 9000	54.0 54.5	74.1		74.9	74.4	74.5 75.1	74.5 75.1	74.5 75.1	74.6 75.2	75.0 75.5	75.5	75.0 75.5	75.3 75.8	75.4 75.9	75.7 76.3	75.8 76.4
≥ 8000 ≥ 7000	55.6 56.7	76.9	76.9 80.2	77.1 80.5		80.7	77.3 80.7	77.3 80.7	77.5 80.8		81.1	77.8 81.1	78.1 81.4	78.2 81.6	78.5 81.9	78.6 82.0
≥ 6000 ≥ 5000	57.6 59.2	83.6	81.4 83.8		81.9	82.0	82.0	82.0 84.4	82.1			82.7 85.1	83.1 85.4	83.2 85.5	83.5	83.6
≥ 4500 ≥ 4000 ≥ 3500	59.4 60.6	84.3 86.0	84.5 86.2 87.5	84.8 86.5 57.8	84.9	86.8			85.1	85.5 87.4	97.6	85 • 8 87 • 6			86.7	86.8
≥ 3000 ≥ 2500	62.2	88.7		89.3	88.0 89.6 90.8	88 • 1 89 • 8 90 • 9	88 • 1 89 • 8	88 • 1 89 • 8 91 • 0	88.2	88.7 90.3	90.5	88.9 90.5 91.8	89.2 90.8 92.1	89.3 90.9 92.2	89.9 91.5 92.8	90.0
≥ 2000	63.4	90.4	90.8	1	91.5 91.8	91.7	91.7	91.8 92.1	91.9 91.9	91.6 92.3 92.7	92.6			93.0 93.3		92.9 93.6 94.0
≥ 1500	63.6	90.8		91.9	92.3	92.4			92.8	93.2	93.4				94.4	94.5
≥ 1000	63.8	92.4	93.2		94.1	94.2				95.8 95.1		95.3			96.2 96.3	
≥ 800	63.8	92.4	1		94.7	94.2			94.7	95.1 95.8	95.5	95.5 96.1			96.4	1
≥ 600	63.8	93.0 93.1			94.9	95.5	95.3			96.0 96.4	96.3	96.3		96.9		97.5
≥ 400 ≥ 300	63.8	93.1	-	94.5	95.4	95.5 95.6		95.9 96.0	96.0 96.1	96.4	96.9	96.9	97.4		98.2 98.3	
≥ 200 ≥ 100	63.8 63.8	93.1 93.1		94.6	95.4	95.6	95.8	9641	96.3	96.9	97.5	97.6	98.4	98.5 98.5	99.2	99.8
≥ 0	63•a	93.1	94.1	94.6		95.6			96.3		97.5				99.4	

TOTAL NUMBER OF OBSERVATIONS

LISAE ETAC TORM (0-14-5 (OL A) PROVINCE ENTITIES OF THE EVEN AND CHECKE

-DATA- PROCESSING- BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFB FL STATION NAME

67-70,73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURS ILS ()

CEILING							VIS	BILITY (STA	ATUTE MILI	E\$1						
(FEET)	≥:0	- ,,	≥5	≥4	≥3	≥21⁄2	≥2	21%	≥11/4	≥1	≥ ³ ⁄4	≥ >-,	≥%	≥5-16	≥'•	≥0
NO CEILING ≥ 20000	45.5 46.8		63.7	64.3	64.8 67.8	64.9	65.2 68.1	65.3 68.3	65.5 68.4		65.6 68.6	65.7 68.7	65.8 68.8	65.9 68.9	56.0 69.1	56.4 69.4
≥ 18000 ≥ 16000	46.9 46.9		66.8	- : - :		68.0 58.1	68 • 3 68 • 3	68.4 68.5	68.6 68.6		68.8 68.8	68.8 68.8		69.0 69.0		
≥ 14000 ≥ 12000	47.1 47.7	66.2 67.6	67.2 68.7			68.7	68.7 70.1	68.8 70.3	69.0 70.4		69•2 70•6				69.6 71.1	69.9 71.4
≥ 10000 ≥ 9000	48.9 49.2		71.0 71.8		72.2 72.9	72.3 73.0	72.5 73.2	72.7 73.4	72.9 73.6	73.0		73.1 73.8	73.2 74.0	73.3		
≥ 8000 ≥ 7000	50 • 1 51 • 0	72.8 74.6		74.4 76.3	75.0 76.9	75.1 77.0	75.3 77.3	75.5 77.5	75.7 77.6	75.8 77.8	75.9 77.8	75.9 77.9		76.1 78.1	76.3 78.3	76,5 78.6
≥ 6000 ≥ 5000	51.9 52.9		77.1	77.7 79.6	78.3 80.2	78.4 80.4	78.7 80.6	78.9 80.8	79.0 81.0		79.3 81.3	79.3 81.3		79.5 81.5	79.7 81.7	1
≥ 4500 ≥ 4000	53.6 54.7	78.8 81.1	80.0 82.4		81.3 83.9	81.4 84.0	81.7	81.9 84.5	82.0 84.6	–	82.3 84.9	82.3 94.9		82.5 85.1	82.8 85.4	1 1
≥ 3500 ≥ 3000	55.4 56.1	82.4 84.0	83.7 85.4	84.5 86.2		85.4 87.2	85.7 87.5	85.9 87.7	86.0 87.9		86.3 88.1	86.3 88.2	86.5 88.3	86.5 88.4		
≥ 2500 ≥ 2000	56.8 57.1		86.9 88.2	87.8 89.2		88.9 90.5	89.2 90.8		89.6 91.2	89.8 91.4	89.9 91.5	89.9 91.5		90.1 91.8	90•4 92•0	90.7 92.4
≥ 1800 ≥ 1500	51.2		88.4 89.0	89.5 90.0	90.5 91.1	90.8 91.4		91.4 92.0	91.5 92.1	91.7 92.3	91.8 92.4	91.8 92.5			1	92.7 93.3
≥ 1200 ≥ 1000	57.3 57.4	87.7	89.7 90.1			92.2 92.7			93.2 93.7	93.3 93.9		93.5 94.0		93.7	94.0	94.3
≥ 900 ≥ 800	57.4 57.4		90.4 90.7	91.6 91.8		93.0 93.3	93.5	93.9	94.1 94.5	94.3	94.4 94.8	94.4		94.7 95.0	95.0 95.3	
≥ 700 ≥ 600	57.4 57.5		91.1 91.3	92.3 92.5	93.6 94.0	93.9			95.1 95.5	95.3 95.7	95.4 95.9	95.5 95.9	95.7 96.1	95.7 96.1	96.0 96.4	96 • 4 96 • 8
≥ 500 ≥ 400	57.5 57.5				94.4 94.6	94.8 94.9			96.2 96.4	96.4 96.6	96.5 96.8	96.5 96.8	96.7	96 • 8 97 • 1	97.1 97.4	97.5 97.8
≥ 300 ≥ 200	57.5 57.5				94.7 94.7	95.0 95.1		96.4 96.5	96.6 96.8	- •		97.1 97.4	97.4 97.9	97.4 98.1	97.3 98.5	
≥ 100 ≥ 0	57.5 57.5				94.7 94.7				1		97.5 97.5			98.2 98.3		

TOTAL NUMBER OF OBSERVATIONS....

7435

USAF ETAC JULIA 0-14-5 (OL A) MEYIOUS EDITIONS OF THIS FORM AME DISOLE

DATE PROCESSING BRANCH USAF ETAC AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12810

MACDILL AFE FL

67-70,73-79

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL HOURS ILS I

CEIIING				-			VIS	IBILITY (ST.	ATUTE MIL	ES)		·				
(FEET)	≥10	≥6	≥5	≥4	≥3	≥2'2	≥2	≥1½	≥11/4	≥1	≥ کو	≥ 3⁄9	≥ %	≥ 5-16	۵ خ	≥0
NO CEILING ≥ 20000	40.7 44.3	1		67.3 74.9		57.9 75.5			68+2 75•4	68.3 75.9		68.4 76.0	68•4 76•0	1	58.5 76.1	68.6 76.2
≥ 18000 ≥ 16000	44.5		74.5 74.6	75.1 75.3	75•6 75•8	75.7 75.9	75.9 76.1	76.0 76.2	76.1 76.2	76.1 76.3	76•2 76•3	76.2 76.3			76.3 76.5	76.4 76.6
≥ 14000 ≥ 12000	45.0	76.2	75.5 77.5	78.2	78.7	76.8 78.9	79.0	79.2	77•1 79•2		77•3 79•3	77.3 79.3	79.4	79.4	19.5	77.5 79.6
≥ 10000 ≥ 9000	47.9 48.1	80.5	82.0	82.7	83.2	82.6 83.3	83.5	82.9 83.6		83.7	83.8			83.9	83.2 84.0	
≥ 8000 ≥ 7000	40.9	83.4	84.9			85 • 4 86 • 4	85.6 86.6		85 • 7 86 • 7	85.8 86.8			86.9		86.9 87.0	
≥ 6000 ≥ 5000	49.8 50.3	85.4		87.7	88.3	87.2 88.5	87.4 88.7	87.6 88.8	87.6 88.8	87.7	87.7 89.0	87.7 89.0				88.0 89.2
≥ 4500 ≥ 4000 ≥ 3500	50.6 51.2	87.1	87.5	89.6	90.2	89.0 90.3			90.7	90.8		89.5 90.9		_	91.0	
≥ 3500 ≥ 3000 ≥ 2500	52.0 52.3	89.0	90.8 91.7		92.3	91.2 92.5 93.5	91.5 92.7 93.8	91.6 92.8 93.9	91.6 92.9 94.0	91.7 93.0	91.8 93.0 94.1		93.1	91.9 93.1 94.2	91.9 93.2	
≥ 2000	52.7	90.9	92.8	93.8	94.5	94.7	95.0 95.2	95.1	95.2 95.4	95.3 95.5	1	94.1 95.4 95.6		95.4	94.3 95.5 95.7	
≥ 1500 ≥ 1200	52.9	91.5	93.9	94.5	95.2	95.4 95.0	95.7	95.9	96.0	96.1	96.1	96.1 96.8	95.2	96.2		
≥ 1000	53.2	92.2	94.3	95.4	96.2	96.4		97.C		97.1	97.2	97.2	97.3	97.3		
≥ 800	53 • 3 53 • 3	92.5		95.8	96.7	96.9		97.4		97.6	97.7	97.7	\$7.8	97.8		98.0
≥ 500	53.4 53.4	92.8	95.0 95.1			97.4			98.1 98.3	98.2			98.4		98.5 98.6	98.6
≥ 400 ≥ 300	53.4 53.4		95•2			97.7	98 • 2 98 • 3		98.5 98.7		98.8	-	98.9	98.9	99.0 99.2	99.1
≥ 200	53.4					97.8 97.8		98.6 98.6				99.1	99.3		99.4 99.6	
≥ 0	53.4	92.9	95.2	96.5	97.5	97.8	98 • 3	98.6	98.7	98.9	99.1	99.1	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS__

87630

USAF FTAC - FORM - 0-14-5 (OL A) services controls on this scenu are concer

TOTAL SKY COVER

FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS SYMBOLS OF CLEAP, SCATTERED, BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10 SCATTERED WAS CONVERTED TO 3/10 GROKEN WAS CONVERTED TO 9/10 OVERCAST WAS CONVERTED TO 10/10 OBSCURED WAS CONVERTED TO 10/10

SKY COVER

12810 STATION MACDILL AFB FL

68-70,73-79

JAN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

,10	TALS	20.9	,		27.2	ď.					21.4	30.6	5.8	738
					-,									
	 							 			<u> </u>			
	<u> </u>				/ 27 44		ļ			ļ	<u> </u>			
	21-23	27.4			30.4					L	18.6	23.6	4.9	97
	18-20	18.1	,		29.4						23.9	28.7	5.9	9.
	15-17	10.9			28.7		ļ			ļ	28.5	31.9	6.6	9:
	12-14	11.4			31.7		<u> </u>			<u> </u>	25.9	31.0	6.4	97
	09-11	13.5			28.2		ļ	ļ	ļ	 	23.4	35.0	6.4	92
	06-08	22.0			24.5		<u> </u>			<u> </u>	19.8	33.7	5.9	91
	03-05	31.5			20.5		<u> </u>			 	15.6	32.4	5.3	9;
JAN	00-02	32.5			23.9		ļ	 -	<u> </u>	 	15.3	28.4	4.9	91
	(L.3.1.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	O85.
MONTH	HOURS (L.S.T.)				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	SKY COVER			· · · · · · · · · · · · · · · · · · ·	MEAN TENTI'S OF	TOTAL NO OI

USAFETAC FORM 0-9-5 (CL-A) PREVIOUS EDITIONS OF THIS FORM ARE OISOLETE

2

7 27 32 6 34

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAL

SKY COVER

12810 MACDILL AFB FL

68-70,73-79

PERIOD

FEB

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STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER MEAN TOTAL HOURS HTMON TENTHS OF NO. OF OBS. (L.S.T.) SKY COVER 23.8 24.0 FEB 00-02 36.4 15.8 837 21.5 17.2 28.8 5.1 829 03-05 32.4 06-08 24.4 32.2 5.9 618 23.3 31.5 6.0 840 09-11 21.5 23.6 28.1 5.7 846 12-14 20,2 28.8 22.8 15-17 29.3 23.0 29.8 5.9 846 17.8 29.7 25.3 18-20 23.1 21.9 5.4 845 27.8 24.4 21-23 33.7 14.1 845 TOTALS 6706 25.9

USAFETAC 10.9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

€.

SKY COVER

12810 MACDILL AFB FL STATION NAME

68-78,73-79

MAR

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTMON	HOURS	<u> </u>			PERCENTAGE	FREQUENC	OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	085.
MAR	00-02	32.0		ļ	25.4						19.0	23.6	4.8	92
	03-05	32.9			22.7						18.3	26.1	4.9	92
	06-08	19.6			28.8			ļ		ļ	23.2	28.4	5.8	92
	09-11	17.4		ļ	33.3	·.,		ļ		<u> </u>	21.9	27.3	5.7	93
	12-14	11.9		ļ	40.2				! 	ļ	22.4	25.5	5.8	93
	15-17	12.6		<u> </u>	35.5			<u> </u>		ļ	23.8	28.2	6.0	93
 .	18-20	18.6			32.5			<u> </u>			21.9	27.6	5.6	93
	21-23	31.4			30.8			ļ			15.6	22.3	4.6	95
											 			
								 	<u> </u>		 			
=====														
10	TALS	22.1	-1		31.2	•					20.8	26.1	5.4	743

USAFETAC PORM AL 4. 0-9-5 (OL A): PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

12810 STATION MACDILL AFB FL

68-70,73-79

FERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				FERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIH	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
APR	00-02	40.8			30.1				<u> </u>		13.3	11.8	3.3	900
	03-05	44.4		<u> </u>	25.4						16.0	14.3	3.6	895
	06-08	25.0			33.2						21.7	20.1	5.0	895
	09-11	21.8			35.0						23.2	20.0	5.1	900
	12-14	14.2		<u> </u>	42.1						21.8	21.9	5.4	900
	15-17	15.6		<u> </u>	39.9						23.5	21.0	5.4	898
	18-20	23.5		ļ	36.3					 	20.7	19.6	4.9	899
	21-23	43.2		ļ	29.3			ļ	ļ		14.7	12.8	3.5	900
	<u> </u>			<u>!</u> 		 -				<u> </u>		 		
				-							 -			
то	TALS	29.1			33.9						19,4	17.1	4.5	7187

SKY COVER

12810 STATION MACDILL AFB FL STATION NAME

68-70,73-79

MAY

PER JENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
HAY	00-02	37.3		ļ	33.9			<u> </u>			17.5	11.3	3.7	93
	03-05	36.0			33.2						16.5	34.3	3.9	92
	06-08	15.1		<u> </u>	35.8						26.7	21.5	5.6	97
	09-11	10.8			44.3						23.3	21.6	5.6	93
	12-14	4.0			48.3						23.7	24.1	6.0	93
	15-17	5.4	<u> </u>	<u> </u>	43.D						27.5	24.1	6.2	93
	18-20	10.4			36.3						28.1	25.2	6.1	9.
	21-23	26.8			37.8	···-		<u> </u>			21.2	14.2	4.5	9
					-			<u> </u>					<u> </u>	
						-								
101	TALS	18.4	-	. \$ 1	39.1						23.1	19.5	5.2	74

USAFETAC JU 64 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE O'SOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

1 1281D MACDILL AFB FL
STATION MAKE

68-70,73-79
MECO
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS				PERCENTAGE	FREQUEN	Y OF TENT	HS OF TOTAL	SKY COVER	:			MEAN TENTHS OF	TOTAL NO. OF
MONIN	(LS.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COYER	280
JUN	09-02	27.4		ļ	37.4			<u> </u>		 	18.4	16.7	4.5	901
	03-05	29.2	·	<u> </u>	40.9			<u></u>			17.2	12.7	4.0	901
	06-08	10.5	 -		41.2			<u> </u>		<u> </u>	29.9	18.5	5.8	899
	09-11	4.6			98.0			<u> </u>	ļ		27.6	19,9	5.9	901
	12-14	1.0		<u> </u>	47.1			<u> </u>		 	31.7	20.2	6.3	901
	15-17	1.4		<u> </u>	37.1			<u> </u>			38.9	22.6	6.9	90
	18-20	5.0			28.6			<u> </u>			37.4	29.0	7.1	90
	21-23	15.3		ļ	36.3			<u> </u>	 	<u> </u>	24.8	23.6	5.7	90
	ļ			ļ			<u> </u>			ļ	<u> </u>			
	ļ	 		<u> </u>				<u> </u>		<u> </u>	<u> </u>			
	ļ	 		<u> </u>	 	 	ļ		 	 	<u> </u>			
	<u> </u>			ļ				ļ	ļ	 -	<u> </u>	ļ		
10	TALS	اسيوا		<u> </u>	39.6		<u> </u>	<u> </u>	<u> </u>	<u></u>	28.2	20.4	5.8	7199

USAFETAC. FORM 0-9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OSSOUTTE.

SKY COVER

12810 MACDILL AFB FL

68-70,73-79

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

момтн	HOURS				PERCENTAG	E FREQUEN	CY OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL NO, OF
MONIA	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SEY COVER	OBS.
JUL	00-02	16.9		ļ 	40.6			<u> </u>	<u> </u>	ļ	28.6	13.9	5.2	929
	03-05	24.5		<u> </u>	44.6			<u> </u>	<u> </u>	<u> </u>	22.5	8.4	4.2	930
	06-08	4.6			45.7		<u></u>	ļ	<u> </u>		33.3	16.3	6.0	930
	09-11	2.2		<u> </u>	41.7			<u> </u>		<u> </u>	38.2	18.0	6.5	930
 	12-14	.4			33.C			ļ		ļ	42.7	23.9	7.2	930
·	15-17			<u> </u>	22.0			<u> </u>	<u> </u>	<u> </u>	44.9	33.0	8.0	930
	18-20	.6		<u> </u>	15.4			ļ	<u> </u>	ļ	42.0	41.9	8.4	930
	21-23	6.2		<u> </u>	32.4			-	ļ		31.1	36.3	6.8	930
					<u> </u> 		<u> </u>	 			+			
								 	 		 	 		
					<u>.</u>									
το	TALS	6.9			34.4						35.4	23.2	6.5	7439

USAFETAC ROSA 0.9-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ALL OCCULTE.

E

SKY COVER

12810 MACDILL AFB FL STATION NAME

68-70,73-79

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FERCENTAGE FREQUENCY OF OCCURRENCE "FOM HOURLY OBSERVATIONS

MONTH	HOURS	Ĺ			PERCENTAGE	FFEQUEN	CY OF TENT	HS OF TOTAL	T 2KA COAES				MEAN TENTHS OF	TOTAL NO OF
MONTH	(LS.T.)	0	1	7	3	4	5	6	7	а	9	10	SET COVER	O35.
AUS	00-02	18.4		<u> </u>	39.7				ļ	ļ	24.9	17.0	5.1	929
	03-05	31.1		<u> </u>	43.6			<u> </u>	<u> </u>	<u> </u>	16.6	3.6	3.7	928
	06-08	7.2		<u> </u>	47.8		<u> </u>	<u> </u>	ļ	<u> </u>	30.0	15.0	5.5	92
	29-11	2.8		<u> </u>	51.3		<u> </u>	<u> </u>	ļ	<u> </u>	31.2	14.7	5.8	939
·	12-14	.1		<u> </u>	43,2			<u> </u>	<u> </u>	<u> </u>	35.3	21.4	6.6	930
	15-17	-1			24.0		<u> </u>	ļ	ļ	<u> </u>	46.3	29.6	7.8	931
	16-20	1.1		<u> </u>	15.2			ļ 	<u> </u>	<u> </u>	37.6	43.0	8.2	927
	21-23	7.0		<u> </u>	32.0		<u> </u> 	 	<u> </u>	<u> </u>	31.3	29.7	6.7	926
				<u> </u>	+					 	1			
	 				1		 	 		<u> </u>	<u> </u>	 		
 .														
10	TALS	3.5			37.5						31.7	22.4	5.2	742

FORM 0-9-5 - (OL-A) - PREVIOUS EDITIONS CF THIS FORM ARE ORSCITE.

34 A PROCESSING BRANCH C/USAF 1244 WEATHER SERVICE/MAC

SKY COVER

12810 MACDILL AFB FL

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C

67-70,73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HTHOM	HOURS				PERCENTAGE	FREG*IEN	Y OF TENT	HS OF TOTA	L SKY COVER				MEAN TENTHS OF	TOTAL HO OF
MOINT	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SXY COVER	OBS
SEP	00-02	24.5		ļ 	35.4				<u> </u>	ļ	23.1	17.0	4.8	898
	03-05	33.0			34.4					<u> </u>	18.2	14.4	4.1	897
	06-08	19.7			42.8			ļ			26.9	19.6	5.7	895
	09-11	4.7			44.2]		29.9	21.2	6.1	900
	12-14	.4			39.7			<u> </u>	<u> </u>	<u> </u>	34.2	25.7	6.8	900
 -	15-17	.9		ļ	28.4			ļ	 	<u> </u>	39.9	30.8	7.5	900
	18-20	4.6			22.9			ļ	<u> </u>	<u> </u>	37.2	35.4	7.6	399
	21-23	13.3			30.0	· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u> </u>		30.7	26.0	6.3	896
				 				 	<u> </u>	 	 			
	 -			 	-			 	 		 -	<u> </u>		
	 										1			
(0	TALS	11.5			39.7						30.0	23.8	6.1	718

USAFETAC JUL 44 0-8-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE ORSOLETE.

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 67-70,73-78 STATION NAME PERIOD PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS) PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER HOURS (L.S.T.) MONTH 0 OCT 00-02 42.2 24.8 15.9 03-05 41.6 25.9 C6-08 25.9 31.8 22.3 09-11 21.7 34.0 25.9 12-14 11.2 15-17 9.5 39.8 18-20 20.3 33.4

27.2

SKY COVER

TENTHS OF

SKY COVER

3.9

5.0

5.2

5.7

5.9

5.4

4.2

17.1

16.1

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OCT

NO. OF OBS.

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USAFETAC FORM (0.9.5) (OL A): PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

37.6

21-23

TOTALS

DATA PROCESSING BRANCH
ETAC/USAF
AIR NEATHER SERVICE/HAC

12810 MACDILL AFB FL
STATION MAKE

PERCENTAGE EREQUENCY OF OCCURRENCE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	CY OF TENT	HS OF TOTAL	L SKY COVER				MEAN TENTHS OF	TOTAL NO. OF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS.
NOV	00~02	43.7			28.1			<u> </u>		<u></u>	15.4	12.8	3.5	89
	03-05	42.8		<u> </u>	24.5			ļ			16.1	16.6	3.8	89
	06-08	31.1			27.3			ļ			18.7	22.9	4.8	89
	09-11	27.5			30.6						21.9	20.0	4.9	89
	12-14	18.1		ļ	42.0				<u> </u>		20.9	19.0	5.0	90
	15-17	16.3			39.3						24.1	20.2	5.4	90
	18-20	29.2			32.0		<u> </u>	<u> </u>	<u> </u>		20.3	18.4	4.6	90
	21-23	43.0			24.7						17.7	14.7	3.8	89
						<u> </u>								
	ļ													
TO	TALS	31.5		The state of	31.1			-	 		19.4	18.1	4.5	716

USAFETAC JUL 64 0-9-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SKY COVER

12810 MACDILL AFB FL STATION NAME

67-70,73-78

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

монтн	HOURS				PERCENTAGE	FREQUENC	Y OF TENT	HS OF TOTAL	SKY COVER				MEAN TENTHS OF	TOTAL NO. CF
MONIN	(L.S.T.)	0	1	2	3	4	5	6	7	8	9	10	SKY COVER	OBS
DEC	00-02	41.1			18.3						18.0	22.7	5.4	93
	03-05	39.6		<u> </u>	20.2					<u> </u>	17.3	22.9	4.5	92
	06-08	27.6		<u> </u>	26.0			<u> </u>		<u> </u>	19.3	27.1	5.2	92
	09-11	23.2		ļ	27.5			<u> </u>	ļ	<u> </u>	22.3	27.0	5.5	92
	12-14	17.6		<u> </u>	34.0				<u> </u>	<u> </u>	23.7	24.7	5.6	93
	15-17	18.7		ļ	34.0			ļ	<u> </u>	ļ	23.3	24.0	5.5	93
	18-20	28.6		<u> </u>	30.4			ļ			18.0	23.1	4.8	92
	21-23	37.0			25.9			ļ			14.8	22.3	4.3	92
				 	<u> </u>			<u> </u>	<u> </u>		_	ļ		
	 			 						ļ		-	ļ	
	<u> </u>			<u> </u>				ļ		ļ	 	-	ļ	
	<u></u>			<u></u>	ļ			ļ		<u> </u>		ļ		
to	TALS	29.2			27.0					<u> </u>	19.6	24.2	5.0	742

USAFETAC FORM 0-9-5 (OL A) PREVIOUS ENTITORS OF THIS FORM ARE OSSOLETE

SKY COVER

12819 MACDILL AFB FL

67-70,73-79

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER MEAN TOTAL HOURS (L.S.T.) HTHOM TENTHS OF NO, OF OBS. 7386 20.9 21.4 30.6 **j.**8 JAN 27.2 20.0 28.0 25.9 6706 FEB 26.1 7431 20.8 26.1 5.4 MAR 22.1 31.2 19.4 :7.7 29.1 4.5 718? APR 33.9 23.1 19.5 7438 MAY 38.4 39.1 5.2 JUN 39.6 28.2 20.4 7199 11.8 JUL 6.9 34.4 35.4 23.2 6.5 7439 31.7 22.4 7427 AUG 37.5 6.2 8.5 6.1 34.7 SEP 11.5 30.0 | 23.8 7185 22.1 19.3 7432 OCT 26.3 32.3 7167 NOV 31.1 19.4 18.1 27.0 5.0 29.2 19.6 24.2 7422 TOTALS 20.2

FORM UR 64 0 9-5 (OL A) . PREYIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

N S ATR FORCE MVINOMENTAL TECHNICAL APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and vet-bulb temperatures, dev points, and relative hunidity. The order and manner of presentations follows:

- Completive percentage frequency of occurrence derived from daily observations and presented by month and companies combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Februaheit increases, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - Daily maximum temperatures
 - Daily minimum temperatures
 - Daily mean temperatures

📆: Beginning in Jesusry 1964, daily maximum and minimum temperatures are routinely selected from hearly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For these stations observing less than 24 hours per day, and where maxiup and minimum temperatures are required but not recorded, these are also salested from hourly data from as early as January 1949 and later. Please refer to notations on suggery pages and Station History for further information on reporting practices of individual stations.

- Extreme values derived from daily observations with the extreme value selected for each year and month of record available. As essual (ALL MONTHS) value is selected when all months for a year have valid extremes... Moons and standard deviations are computed for mouths and annual when four or more values are present for
 - any solumn. Two tables of daily extremes are propagat:

 NOTE: Direct companion of temperatures from Celsius to Pahrenheit values

 a. Extreme maximum temperature results in the emplesion of certain values. The conversion method used Extreme minimum temperature at OL A to present these data may result in differences rot exceeding t
 - from directly converted values but excludes no Fehrenheit values.

 The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

2

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dev-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, vet-bulb, and dev-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2) , sums of values (ΣX) , means (X), and standard deviations (∇X) . The number of observations used in the computation for each element is also shown.
- c. At the lover right of the form are given the peen number of hours of occurrence for six ranges of 'dry-bulb, vet-bulb, and dev-point temperatures, and total number of hours possible in the period represented. Hean number of hours is shown to tenthe and indicates mean number of hours per year in the samual summary, or mean number of hours per month in the tabulation by month.
 - NOTS: Not-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dev-point temperature and relative humidity are with respect to water, unless otherwise indicated.
- b. Mount and standard deviations These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and samual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-NULS TROUBLEMENT, MRY-NULS TROUBLEMENTURS, and DRW-FOLDY TROUBLEMENTURS.
- 5. <u>Oumslative percentage frequency of occurrence of relative hunidity</u> This summery is derived from bourly observations and presente the sumulative percentage frequency of occurrence of relative hunidity by increments of 10% classes, plus the mean relative hunidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING BRANCH **DAILY TEMPERATURES** USAF ETAC AIR WEATHER SERVICE/MAC 1281U HACDILL AFE FL STATION NAME 49-79 1111 CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE HAXIMUH (FROM DAILY OBSERVATIONS) MAR OCT TEMP (°F) APR ANNUAL 3.9 1.1 90 46.4. 57.0 57.3 85 27.4 71.8, 91.4 92.5 94.2 50.5 79.5 98.9 80.6 97.<u>6</u> 80 32.5 64.4 95.7. 98.9 36.8 12.5 62.5 13.2 93.2 84.3. 99.2, 100.0, 100.0 100.0, 99.5 38.4 76.9 75 33.9 37.1 97.3, 100.0 74 56.1 64.4. 86.8 73.0 79.6 65 41.6 89.3 47.2 100.0 60 85.2 1111 94.0 98.8 55 95.9 98.6 49.9 99.9 99.6 50 98.1 99.9 100.0 100.0 45 99.6 100.0 100.0 40 100.0 35 100.0

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DATA PROCESSING BRANCH
USAF ETAC
AIR MEATHER SERVICE/HAC
12810 MACDILL AF B FL

THE

DAILY TEMPERATURES

49-79

YEARS NCE

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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	SMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	001	NOV	DEC	ANNUAL
≥	8u		-			• 1.	3,1	4 . 5.	5.7	• 4.			_	. 1 • 2
≥	75				• 1	5 • 3.	46.4	65.7	68.9	52.7.	7.4	•1,	:	20.
≥	70	. 1	• 2.	2.2.	14.9	62.6	96.9	99.4	99.7	97.2	47.6	5 • 6	•9	44.2
ž	65	6.8	9.9	24.3	52.1.	92.2	100.0	190.0	100.0	99.8	77.1	27.4	10.3	58.6
Σ	60	26.1	26.4	50.8	80.9	99.1		- 52 2 34	T	100.0	89.6	55.9	31.2	71.9
2	55	46.1	48.9	74.J	94.3	100.0		į-	• • 🕇		96.8		50.5	82.3
≥	50	64.0	70.5	88.4	98.9	1 - 2 - 3		**	1	•	99.4	87.7	68.9	89.9
Σ	95	73.4	86.7	95.8	99.8	•		•	•	•	99.9	94.7	83.5	94.9
	40	90.9	94.5		100.0			•	•	•	100.0	98.6	94.1	98.
≥ -	35		98.6	100.0	.0000,			•	- 1	•	. 95. 9.	99.8	98.3	99.4
_		96.0	99.8	100.0	•	•	'	•	- +				99.2	99.8
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<u>≥</u>	<u>25</u>	100.0		-			-		- ,		л.	100.0	99.9	100-0
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	S. D.	52.4	53e7	58.8	04.4	70.0	74,3	75.4	2.339	74. <u>5</u> 2.483	68.0 5.810	7.801	53.8. 8.741	6 <u>5</u> -0
		9.058		·	5.248	3.528		2.355						1095
70	OTAL OBS.	930	847	930	900	930	900	936	930	900	930	900	930	1075

LISAF ETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE ORSCILLE

DAILY TEMPERATURES

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC
12810 MACDILL AFB FL
STATION NAME
STATION NAME

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49-79

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

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TEA	AP (°F)	JAN	FEB		* APR	MAY	NUK	JUL.	" AUG	SEP.	OCT ,	NOV 1	DEC b	ANNUAL
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	85			- ;		1.0	14.0	21.3	~ 24.8	12.4	. 1		· , -	6.
	20		•	;	4.9	39.2		91.1	93.1	83.6	25.5	1.0	• 2 3	352
	75	8	3,4	11.4	42.0	89.8		99.8	100.0	98.9	67.5	15.7	3.8	53.
	70	17.5	19.7	41.8	78.1		100.0		•	99.9			21.3	68.
	65	41.7	43.2	71.8		100.0		****	. ~	100.0			45.9	80.
•	60	59.9	67.7	87.1		12-22	!		-		.99.7	87.6	66.2	89
	55	77.1	84.3		99.7			-, ŧ	,	t — —	100.0		83.4	94
-	. <u>5</u> 0	89.4	94.0		100.0			. i.		•	-	98.4	93.9	97.
	45	96.8		100.0	10000	:	•	• •		T	i	99.7	98.4	99
	46 T	98.8	99.9	* 0,0 • 0,	•	•	· · ·	į	-	-	 	100.0	99.8	99
	35		100.0	-•						 -	·	100.0	99.9	100
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7	MEAN	61.2	62.4	67.3	72.8	78 • Š	81.9	82.7	8.2 - 9	81.7	75.9	68.0	62.6	_ 73
	S.D.	6.470	7.708		4.678		2.512	2.318			5.009	7.025	7.882	
TOT	AL OBS.	930	847	930	900	930		930	931				930	109

USAF ETAC POINT 0-21-5 (OL 1) PREVIOUS EQUIDING OF THIS FORM ARE DESCRE

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

IFROM DAILY OBSERVATIONS

12810 MACDILL AFB FL STATION NAME

WHOLE DEGREES FAHRENHEIT

MONTH!	JAN .	FE8.	MAR.	AP2	MAY	JUN	JUL	AUG	SEP	ост	ноч	DEC	ALL MONTHS
49									94	90	84	81	
50 5	8.5	86	87	88	91	96.	94	95.	92	90	88	78.	96
51	81	80	86	89.	93	98	98	95	95	92	55	85	98
52	82,	79,	86'	88	95,	98:	95	<u>95</u> .	96	89	81	79	98
53	79	81	84.	88:	94	96.	95	94	91	86	84	82 1	96
54	81:	84:	851	89:	92	94	96	96	94	92	80	79.	96
55	82	82	85)	88	95	94	95	95	95	91	83.	81.	95
56	78	81.	82	85	93	93	98	951	93.	89_	85	<u>86 -</u>	98
57	8.3	85	82	89	9 b	95	94	96	94.	88	87	79 7	96
58 🖔	7.3 ⁱ	741	79	93	94:	95	95	941	97:	93.	89	81.	97
59	83	85	85	89	92	94;	9.3	93	92	92	88	82 }	94
60	<u>81</u> i	80	85	88	92	93	95	95	921	90:	85	80:	95
61	77	84	86	85	92	92	92	941	93	89	90,	83 }	94
62	82	85	85	89	91:	92:	93	941	941	91	81	79	94
63	7 9	76	84	85	91	95	95	911	94	90	81	79:	95
64,	78	78	84	88	90	95	95	941	92	_88	25	83	95
f ś	80	81	83	89	92	95	92	03	92	89	81	77	95
66	79	82	81	87	88	90)	93	92	92	89	83	81	93
67	81	80	84	90	91	93	91	91	91	86	82	82	93
58 i	80	77	81	88	92	98	93	94	93	90	84	80 (94
69	80	77	81	85	89	97	94	93	90	87	80	76	97
70	79	7.8	82	89	90	90	93	94	93	88	82	81	94
71	82	34	81	90	91	95	95	97	97	921	89	83	97
72	8.3	81	84	89	91	95,	96	97	94	92	8.8	87	97
73	83	79	86	86	98	96	93	92	92	92	87	82 €	96
74	83	86	89	87	92	94	91	93	94	91	87	81	94
75	84	84	36	92	95	94	94	93	93	90	87	80	95
76	81	85	87	89	92	92	93	72	91	88	60	63	93
77	73	79	86	88,	95	95	95	92	92	90;	84	62	95
78	78	72	83	87	9:	93	93	93	94	90	86	89	94
MEAN													
S. D.													
TOTAL OBS.						- i							

NOTES * (BASED ON LESS THAN FULL MONTHS)

(AT LEAST ONE DAY LESS THAN 24 OBS)

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME YALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12810 MACDILL AFB FL STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH?	JAN,	FEB	MAR	APR	MAY	NUL	301	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
79	79	85	8.5	88	95	97	96	93					
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1													
		,	:	:						· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	•	
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<u>5</u>							;		<u></u>				
	<u> </u>					;							
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											' !		
WEAN	80.2	81.0	84.1	88.4	92.2	94.2	94.2	93.8	93.2	89.8	84.6	81.4	95
S. D	2.712	3.658	2.25	1.650	1.984	2.14G	1.724	1.577	1.710	1.827	3.825	2.822	1.5
TOTAL OBS.	930	847		900	930		930	930	900				109

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF STAC TOM CHES (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPLRATURE

FROM DAILY OBSERVATIONS.

12210 M2 COLLL AFR FL STATION NAME

9-79_____

WHOLE DEGREES FAHRENHEIT

MONTH:	JAN	fEB	MAR,	APR	MAY	אטנ	JUL	AUG	SEP	oct	NOV	DEC.	ALL MONTHS
49									71	68	43	46	
50	57_	44	44	43	6.3	7.0	69	71:_	71	66	35	35.	35
51	34	32	47	53,	63	69	72	73	73	60	37	49	32
52	39	47'	49	51	61	70	72	73	71	48	49	38	<u>38</u>
53	4.31	46	55	53.	67	71	71	72	72	52	50	37	
54	41	51	37!	59,	61	71		73.	70	55	41	36.	<u>36</u>
55	37	33'	40	591	61	69:	71	?3	73	55	40	38	3.3
56	38	43,	4.3	5.5	68	7.0	79	70	65	56	39	44	38
57	38	52	50	58	62	71	72	68	73.	43	49	29 `	29
58	32	33	48	57	62	7.3	7.3	71	74:	57	53	40.	32
59	34	48	48	50;	67:	69,	71	73	71	6.3	34	43;	34
_ 60 L	34	41	37	5.2	58	68	73	72	7.1	61	52.	33	33 33
61	35	47	46	53	61	69	71	73	71	55	49	33 [33
62	34	45	43	48	52	72:	74	72i	66:	56	40	20}	20
63	37	39	45	56	58	70	72	71.	65	49	39	31 }	20 31 21 33
64	27	39	42	51	61	69	7.1	72	67	49:	48:	39	21
65	3 <i>3</i>	411	45	53	60	70	69	70	7C	5.3	43.	38 [3.3
66	25	33	42	52	67	68	7.3	72	68	50	38	34	25 30
67	35	30	48	56	62	68	72	71	64	54	46:	34	36
68	35	40	38	59	60	68	71	72	6.9	51	40	30 2	30
69	40	40	40	58	57	70	71	70	70	67.	35	39;	35
70	26	34	46	57	55	66	69	73	68:	58	29!	373	26
71	29	35	40	44	55	68	67	71	70	6 3;	48	53	30 35 26 29
72	38	38	49	52	64	65	72	73	67	62	46	36	36
73	35	34	50	49	60	71	71	36	72	51	43	33 [36 33
74	59	35	50	53	62	67	70	72	72	56	49	39	35
75	37	44	44	53	68	73	72	71	68	61	38	32	32
76	33	37	46	54	61	69	79	70	65	52	38	35	3.3
77	28	36	42	53	58	72	71	71	69	49	47	35	3. 28
78	3.3	35	39		64	71	69	70	70	57	5.31	45	3.
MEAN !												}	
S. D.							<u>-</u>			1			
TOTAL ORS.					—— 							<u>`</u>	

HOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC NOM 0465 (OLA)

8 (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OSSERVATIONS

12810 MACDILL AFB FL 49-79
STATION NAME TEATS

WHOLE DEGREES FAHRENHEIT

79 30	37				JUN	TUT.	AUG	SEF	OCI	NOV	DEC	all Mennins
		37 51	61	62	73	70	69					
												
												
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5 •			<u> </u>								- Longer Co.	
	7.		İ		<u> </u>		İ	1	: t	•	Andre Andre	
MEAN 35.9	40.4	39.5 44.8	57.5	61.7	59.6	71.0	71.3	59.5	55.9	43.0	36.7	31
S. D. 7.420 DYALOBS. 930	3703	.945 4.552	4.275 3	.437	1.938	1.497i 930	1.470	2,713 900	6.116	6.251	6.045	4.0

NOTES + (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0485 (OLA)

A LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 12813 MACDILL AFB FL 68-70,73-79 JAN STATION STATION NAME 1 PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 72/ 71 71)/ 69 3.7 58/ 67 3.0 57 2.8 57 27 4.9 :6/ 65 1.5 62 62 64 5.7 63 1.7 83 83 81 77 • 2 61 1.0 5.5 2.0 88 88 66 77 53/ 59 3.2 • 1 79 71 59 56/ 57 3.5 2.5 • 5 • 3 65 75 56/ 55 2.7 70 76 76 53 2.2 3.0 59 62 52/ 51 1.7 33 53 52 50/ 49 . 8 2.8 57 52 44 48/ 47 2.6 1.4 50 5 C 41 46/ 45 1.1 2.2 1.4 . 1 48 48 32 50 44/ 43 • 9 40 35 37 1.8 . 4 42/ 41 30 30 56 28 39 45/ 37 19 1.2 24 24 • 4 38/ 37 1.2 . 2 18 18 33 32 3 a 36/ 35 36 13 34/ 33 € 32/ 31 32 30/ 29 18 • 3 28/ 27 12 26/ 25 18 24/ 22/ 21 5 20/ 19 16/ 15 TOTAL 3.843.036.212.6 4.0 930 930 930 93d Element (X) ZX, X No. Obs. Mean No. of Hours with Temperature 75533 81.212.062 Rel. Hum. 6269825 930 ± 32 F ≥ 67 F = 73 F 55.5 9.194 2942721 930 93 51611 10.1 2.0 2560526 48908 52.6 9.760 930 2.7 Wet Bulb Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR REATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

	12510	MA	CDIL	L AF		ATION N					<u> 58-</u>	70,7	3-79		YEA	RS .				J A	A N
	37411011				-													PAG	E 1 .	0300-	- 05 . s. t.
	Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
	(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	23 - 24 2	25 - 26 2	7 - 28 29 -	30 ≥ 31	D.B./W.B.	Dry Bulb 1	fet Bulb C	Dew P
	12/ 71			• 1					1							1		1	1		
	7:1/ 69		. 9															26	26		
	65/ 67	• 1		1 :			• 1		[- 1	Ī			56	56	25	
	56/ 65		4.8		• 2													56	56	51	
	64/ 63	• 5			t i	1			i					- 1	1			88	88 69	76 80	
	56/ 59	. 8											-+					69	69	63	
	58/ 57	• 7	5.5			1			i					1	Ì	i	- 1	76	76	59	
	56/ 55	• 9									 		\vdash			·	-	73	7 <u>0</u>	76	
	54/ 53	.2		2.5					ļ						į	ļ		53	53	61	
	52/ 51	- 3									\vdash				-+			49	49	51	-
	50/ 49	• 3	1	-	• 6	i i								l	- 1		-	56	56	55	
	48/ 47	• 3	2.3	1.4	1.0	• 6					1							52	52	54	
	46/ 45		1.8	2.0	• 3						1						İ	39	39	43	
100	44/ 43		1.4	- 8	1.4							_						35	35	29	
ŏ	42/ 41		.5	1							<u> </u>							36	36	51	
¥	40/ 39		. 8			• 5					1			1	l	İ	- 1	32	32	22	
ğ	38/ 37		. 8								!					_		26	26	34	
ž.	35/ 35	• 2		1					i					- 1	- [İ	İ	17	17	38	
Š	34/ 33	• 1											├			 -		14	14	. 2 <u>4</u>	
ğ	30/ 29		•1						İ						-	l	İ	6	ó	14	
5	28/ 27		• •	j • •							 		├──┼	\rightarrow	 -			 	 7		
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ž	24/ 23			<u> </u>				-					 					+			_
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ã	18/ 17			1				 			į		<u> i</u>			l_					
ĝ	16/ 15										T										
ت بې	14/ 13				<u> </u>				!		<u> </u>							<u> </u>			
0-26-	TOTAL	4.6	50.4	30.9	10.1	3.8	•2				1		1 1	-	- 1	-			930		9
ó	 					<u> </u>		ļ			<u>i — — </u>		├			_		930		930	
3 5	1																			j	
<u>و</u> څ	Element (X)		Zx'	L		ZX	┖┯┯	¥	7 2	-	No. Ob					Mana No.	of House	th Temperat	ure L		
٧	Rel. Hum.			2709		763	95		12.5	RO		30	± 0 F	-	32 F	≥ 67 F	≥ 73 F	- 80 F	1 + 93 F	T	otal
-	Dry Bulb			1044		505			9.6			30		+-	1.0	8.3			1	+	
Aret.	Wet Bulb			9147		480			10.2			30		 	4.1	2.5		+	1	 	
ŝ	Dew Point			1281	 	454		48.8				30		1	13.0	1.0		 	1		

PSYCHROMETRIC SUMMARY

JAN

YEARS MONTH 0600-0800 PAGE 1 HCURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-19 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point 12/ 71 70/ 69 1.4 1.3 26 681 67 2.6 2.0 43 43 21 8 66/ 65 4.6 51 64/ 63 7.6 89 89 77 62 2.3 3.3 62/ 61 78 65/ 59 • 3 82 6.7 1.4 38 59 82 58/ 57 4.7 1.0 • 3 9 d 62 56/ 55 4.2 2.5 70 76 6.8 54/ 53 2.7 50 59 54 59 52/ 51 2.3 51 1.3 41 52 • 1 55/ 49 3 . 8 2.3 ء 1 67 49 50 48/ 47 1.1 46 46 43 46/ 45 2.9 2.3 59 32 44/ 43 52 30 1.1 30 41 36 42/ 41 . 3 1.1 26 39 26 40/ 39 . 4 24 44 • 6 1.6 28 28 38/ 37 28 28 23 36/ 35 30 25 1.1 3 C 1.1 28 34/ 33 . 2 29 20 29 1.1 . 8 19 32/ 31 26 • 3 29 30/ 29 20 28/ 27 13 26/ 25 19 24/ 23 14 22/ 21 16 20/ 19 4 18/ 17 7 16/ 15 8 14/ 13 12/ 11 18/ 4.353.728.610.2 3.2 TOTAL 930 930 930 93d No. Obs. Meen No. of Hours with Temperature Element (X) 76664 6468810 82.412.667 930 1 32 F 267 F 273 F 2762994 49828 53-6,10-021 930 7.3 1.7 Dry Bulb 2526766 47438 51.010.733 930 6.4 2.5 Wet Buib

68-70,73-79

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12816 MACDILL AFB FL 68-70,73-79 0930-1130 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.E. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) ce/ 81 83/ 79 (78/ 77 11 76/ 75 74/ 73 28 1.7 • Z 72/ 71 51 76/ 69 1.2 3.9 4 1 18 68/ 67 2.0 2.8 1.0 66 70 66/ 65 3.2 1.4 1.5 70 68 66 54/ 63 1.0 1.5 66 53 79 43 52/ 61 3.0 1.2 78 C 50/ 59 2.0 1.1 64 73 38 58/ 57 44 48 54/ 53 50 35 50 1.4 1.2 52/ 51 . 9 1 . 5 50 50/ 49 1.4 2.0 51 51 46 35 46/ 47 39 27 41 46/ 45 34 44/ 43 20 4 d C 42/ 41 23 39 27 38/ 37 18 30 36/ 35 22 26 14 3C/ 29 11 2: 28/ 27 26/ 25 22/ 21 20/ 19 18/ 17 10 No. Obs. Element (X) Mean No. of Hours with Temperature ± 32 F ≥67 F | ≥73 F | ≥80 F | ≥93 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR REATHER SERVICE/MAC MACOILL AFB FL 68-70,73-79 2900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 14/ 13 12/ 11 1../ 7 8/ TOTAL 1.821.728.923.414.8 6.7 2.4 929 927 927 927 5134815 67437 72.715.724 927 ±67 F = 73 F = 80 F = 93 F 1 32 F 3346605 54949 59.110.195 929 25.0 6.7 Dry Bully 2858711 50503 54.51C.765 12.2 927 2485612 46272 49.913.783

GLOBAL SLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2813	MA	CDIL	L AF							58-	70,7	3-79								۵٤	
STATION		·		\$T	ATION NA	ME				-		_		YE	ARS			PAGE	1	1200~ Hours (L.	-146
Temp						WET	BULB T	EMPER/	TURE	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1-2	3 - 4	5-6	7-8								23 -	24 25 - 26	27 - 28	29 - 30	× 31	D.B./W.B. D	ry Bulb!		ew Po
£4/ 83			1	• •		 -	• 2	• 3		-	-			1				5	5		
82/ 81		i	,	1	. 4	1.0		. 2		Ì								28	28	1	
80/ 79				. 2	3.	3.8	.9	• 3	• 2	1	i							57	57		
78/ 77	1	l i	÷	- 6	2.8	1.5	• 5	. 9	-4					1		j	1	64	64	•	
76/ 75			• 1	1.7	2.5	1.6	1.6	1.1		!								80	80		
74/ 73	!	• 1	- 3	1.9	- 1	1.8	1.7	1.1	• 1	ļ				ł		-		67	67	1 1	
72/ 71			1.1	1.0	1.1	1.1	1.9	• 9										65	65	42	
70/ 69		• 3 ¹	- 61	8.	1.5	- 8	1.6	• 8 ¹		<u>!</u>	! 	!!						59	59	و ،ه	
68/ 67	• 1			• 2	1.3	1.2	1.9	• 2							i T			62	62	78	
66/ 65	• 3		- 4	• 6	- 8	1.3	1.5	• 3		<u> </u>	!			_!	!!	L		5.5	55	5 <u>g</u>	8
64/ 63;	• 2		• 4	1.0	1.3	• 6	• 9	• 3	• 2			!!!				i		58	58	84	
62/ 61		• 5	• 8	• 8	• 9	• 5	• 4	- 1	• 3	• 3	Ĺ	!		-	<u> </u>			43	43	72	
60/ 59		• 9	• 5	• 9	- 5	8.	•2	• 6		İ	İ			1				41	41	63	
58/ 57		• 1	• 9.	•3	- 8	. 4	. 5	• 9		!	!	!						35	35	73	
56/ 55		• 4	• 9	• 6	. 5	.5	1.0	• 1	• 1	1				i				40	40	36	1
54/ 53		• 4	- 3		1.2		• 5	- 1		 	!	! !						41	41	51	
52/ 51		• 3	1.1	1.1	1.0	1.2	• 6	- 8						-		I		56	56	37	
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lement (X)		Σ ^X ,		1	X		X	₹	\perp	No. Ol	8.				Mean N	o. of Hov	rs with	Temperatu	70		
el. Hors.									1			± 0 1		± 32 F	= 67	F 27	3 F	≥ 80 F	≥ 93 F	To	otal
Dry Bulb													\dashv								
Fet Bulb									┵-										ļ		
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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 68-70,73-79 STATION STATION NAME 1200-1400 1 CAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bult Dew Point 16/ 15 12/ 11 10/ .6 6.110.814.318.821.017.6 9.1 1.4 TOTAL 928 928 928 928 OMONETE C 9 M 24 Element (X) Mean No. of Hours with Temperature 55436 3550438 59.716.052 Rel. Hum. 928 ≤ 32 F 247 F 273 F 280 F ≥ 93 F 4116897 61059 65.810.357 Dry Bulb 928 99.5 30.2 Wet Belb 3174575 53465 57.610.085 928 22.3 50-613-472 928 12.2

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GLOBAL CLIMATOLOGY BRANCH US4FETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION MACDILL AFB FL 12810 68-70,73-79 1560-1700 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 84/ 83 52/ 81 .3 2.6 1.3 2.6 2.3 1.2 30/ 79 • 2 46 46 78/ 77 75 75 76/ 75 74 .3, 1.1 2.5 1.6 1.4 •6 74/ 73 .1 2.G 1.2 72/ 71 1.4 1.5 1.2 1.6 2.3 8 3 83 27 70/ 69 1.8 1.0 1.4 1.3 1.5 58/ 67 .2 1.0 .5 1.3 1.0 1.2 52 194 5 2 21 . 4 56/ 55 _ . 5 .5 1.0 1.3 50 50i 79 54/ 63 • 8 .3 .6 1.2 1.2 • 1 57 57 68 80 . 2 • 8, .8 1.1 62/ 61 • 8 50 . 6 50 8 8 70 • 5 JB/ 59 • 5 • 9. • 5 39 39 74 42 \$3/ 57 1.0 47 47 • 1; 56/ 55; .4 1.3 1.3 . 8 5 2 50 • 9 • 2 52 63 54/ 53 • 2 -5 1-4 . 8 38 45 • 2 52/ 51 .5 1.0 • 3 43 50/ 49 45/ 47 • 2 42 • 1 11 - 1 11 45 46/ 45 10 44/ 43 27 29 42/ 41 40/ 39 20 39 38/ 37 • 2 35 36/ 12 15 18 32/ 31 24 30/ 29 18 26/ 27 21 26/ 25 24/ 23 22/ 21 20/ 19 18/ -17 ZX Elément (X) Mean No. of Hours with Temperature Rel. Hum. 20F ± 32 F 267 F 273 F 280 F 293 F Dry Bulb

SAFETAC FORM 0.26-5 (OLA) HIVIS

Wet Bulb Dew Point

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC MACDILL AFB FL

PSYCHROMETRIC SUMMARY

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Temp.						WET	BULS 1	EMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTA'	
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Wet Buib		211	0365	1	535	773	57.6	7.5	10		30			•1		• 2		<u> </u>	┦—		
Dew Point					469		50.4				30			11.6	3	• 3		<u> </u>		i	

68-70,73-79

GLOBAL CLIMATOLOGY BRANCH JSAFETAC AIR MEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

STATION				57	IAN PC.TA	ME					<u>-70,7</u>			YE	ARS.					MOI	
																		PAG	٤ ١ _	1879 HOURS (1	
Temp.			•			WET 8	ULB T	EMPE	RATUR	E DEPR	ESSION	(F)						TOTAL		TOTAL	-
(F)	0 1	- 2	3 - 4	5-6	7-8	9 - 10 1	1 - 12	13 - 14	15 - 1	5 17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 ≥ 31	D.B./W.B.	Dry Bulb	let Bulb	Ī
78/ 77	:	i			• 1	• Z					-				1		1	3	39		
76/ 75		-+		1.1	• 3	<u>• 2</u>	إ		<u> </u>	 	<u> </u>				i		<u> </u>	15	15		ļ
74/ 73		•	- 4!		• 3	· 2	• 1;	• 3	İ	1					i		1	37	37		1
72/ 71			1.9 5.2	2.4	1.1	•3	• 4		 	┼—	┼─			 				53 77	53 77	2.5	=
56/ 67	1				1.8	1.1	• 4	• 1	; Lt	1					:		‡ 1	84	54	7.2	
56/ 55	. 7			1.3		• 41	 i		 -	1	 	 			 ;		-	76	75	84	-
64/ 63	2	2.7	1 . 4	2.4	1.7	8			<u>:</u>		!		! 5		f		1	8.3	83	61	
52/ 61				1.8	1.6	• 1	•1	• 1	t								:	73	73	7 5	1
61/ 59,			1.9		•2	• Zi	•1			<u> </u>	<u>:</u>	<u>. </u>						47	47	91	-
56/ 57		-;	1.6,	1.9	1.9	• 3	• 3	• 1	1	1	į	į	i		I		i	61	61	55	
56/ 55	•2		1.5	1.0	• 9	• 3	• 3		<u> </u>	+	!	. –	 -	, }		_		59	44 ¹ 59	<u> 53</u>	•
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50/ 49			1.8	2.2	. 5	•2			 	+	\dagger	:						49	49	51	÷
48/ 47		<u>.</u> 4	1.1	1.6	8	. 3		3		i _		1		!			Ī	48	<u> 40</u>	42	ķ
46/ 45		• 1	- 4:	• 6	1.2	• 3,			Т	_	;		1	!	1			25	25	45	ţ
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26/ 25 24/ 23			ĺ		- 1	1	-												1		•
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20/ 19		_	-	}	-										1		l	i			į
12/ 11		Ī								Ţ				;		-					Ī
TOTAL	1.31	7.02	8.7	27.7	15.6	6.7	2.0	1.1	<u> </u>	╀	 	<u> </u>							930		;
																		930		930	
Element (X)	Σ,	<u> </u>			x		X	₹,		No. 0	bs.				Mean N	o. of	Hours wit	Temperat	yr e		_
Rel. Hum.		1983			6679		1.8				930	⊴ 0	• :	32 F	≥ 67	_	≥ 73 F	≥ 80 F	≥ 93 F		1
Dry Bulb Wet Bulb		3424 2897			5578		0.0		_		230		-+-	• 2	26.		5.5	 	 		_
Dew Point		<u> 2071</u> 2497			4691		5.0				930 930			10.0		• 6 • D		 	+	+-	-
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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR MEATHER SERVICE/HAC 12819 MACDILL AFB FL 58-70,73-79 .12 12 STATION NAME PAGE 1 2100-2300 NOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-15 19-20 21-22 23-24 25-26 27-28 29-30 #31 D.B./W.B. Dry Zulb Wer Bulb Den Point (F) 75/ 77 74/ 73 72/ 71 •3 2·S • 9 30 30 - 5 75/ 69 -4 3-8 45 45 .2 1.6 3.0 48 E=1 67 5 3 53 59 66/ 65 3.2 1.9 1.3 62 62 • 2 54/ 53 .5 4.7 2.4 2.9 104 104 69 . 5 ·5 4.1 Z.6 2.7 **.** q 96 95 75 62/ 61 (5/ 59) .1 2.6 1.5 1.4 54 54 62 . 2 58/ 57 .1 3.1 2.3 2.2 • 8 77 78 75 5=/ 55 .5 2.2 1.4 1.7 60 60 77 54/ 53 .1 1.9 1.8 45 45 56 52/ 51 1.3 1.8 1.2 • S! 49 49 52 52 • 3: 56 50/ 40 53 1.6 2.3 1.3 ₹ T 55 Ċ 48/ 47 45 .1 .9 2.7 1.3 SD 59 44 • 2 1.2 1.1 1.5 46/ 45 46 47 1.4 4 £: 46 44/ 43 -4 1.5 1.0 32 32 54. 30 • 5 € .4 1.7 =2/ 41 26 35 25 467 391 13 36 13 • 1 . 9 • 3 13 13 4 **5** 38/ 37 31 -2 1.5 36/ 351 5 35 • 41 12 34/ 33 13 19 . 1 32/ 31 25 C 30/ 29 ı 18 23 26/ 27 - 1 1 26/ 25 14 24/ 23 5 22/ 21 2 29/ 19 \$ 18/ 17 0.26.5 2.730.836.022.2 5.7 1.6 TOTAL 939 929 929 929 No. Obs. Non- No. of Hours with Temperature Element (X) 5776724 72322 77.812.565 929 Rel. Hum. = CF ± 32 F +67 F | +73 F | +80 F | +57 F 930 3595464 53005 57.C 9.007 13.4 9: Dry Bulb

929

1.0

9.0

5.7

93

93

2730590

2437297

Wet Bulb

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46389

53.4 9.482

49.911.414

SLUBAL CLIMATOLUGY BRANCH USAFETAC ALP MEATHER SERVICE/MAC

HACDILL AFB FL

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12811

PSYCHROMETRIC SUMMARY

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STATICS			STATION	-									TEA	as .				MOST	*
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Temp.				WI	ET BUL	B TEA	IPERA	TURE	DEPRES	SION ((F)					TOTAL !		TOTAL	
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16/ 17 Element (X)	Zz'		ZX		<u>'</u>	-		 -	No. Obs				<u></u> -	Mars No.	ad Mana an	A Temperete		<u> </u>	
Rel. Hom.		 -	<u>-x</u>			- -		+		` i	20F	1 72	2 F	2 67 F			1 +93 F	1 7	etal
Dry Builb	***					+		+				+			1	1	1	1	
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Dew Point						+		+				┪━~			 	 	i	-;	
													<u></u>						

65-70,73-79

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12810 68-70,73-79 MACDILL AFB FL STATION NAME PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | 0.8 M.B. Dry Bulb | Wet Bulb | Dew Point (F) 16/ 15 29 14/ 13 14 12/ 11 16/ 13 TOTAL 2.428.526.517.110.8 6.8 4.9 2.4 7437 7434 7434 7434 Element (X) No. Obs. Mean No. of Hours with Temperature 132 F 267 F 473 F 280 F 293 F 4.3 189.2 70.5 10.8 Rel. Hum. 545784 73.416.640 7434 42128068

7437

7434

7434

17.7

92.3

78.3

18.8

744

58.910.680 54.210.295

49.812.590

438082

402684

369896

Dry Bulb

26653786

22600302

19583226

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFE FL STATION Temp. (F) 76/ 75 1.2 1.6 72/ 71 1.9 1.1 78/ 69 58/ 67 1.7 1.2 66/ 65 1.7 1.1 14/ 63 2.3 1.3 • 1 52/ 61 3.4 1.3 6u/ 59 2.7 2.4 58/ 57

PSYCHROMETRIC SUMMARY

FEB

STATION NAME PAGE 1 0000-0200 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 7 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. D y Bulb | Wet Bulb | Dew Point 26 32 14 29 29 27 25 24 48 16 50 • 6 33 .5 2.9 2.9 2.3 56/ 55 2.4 1.2 74 4 . 8 73 42 54/ 53 4 - 1 3.9 1.4 90 91 77 521 51 3.6 3.5 80 81 1.6 50/ 49 2.7 4 . 2 1.8 80 74 48/ 47 55 2.1 1.6 42 42 46/ 45 1.8 37 50 44/ 43 36 1.4 28 28 61 • 7 2.1 40 42/ 41 40/ 39 38 35 • 6 38/ 37 20 36/ 35 34/ 33 32/ 31 19 30/ 29 30 28/ 27 13 24/ 23 22/ 21 20/ 19 4.137.135.716.3 5.4 1.1 TOTAL 828 823 Element (X) X No. Obs. Mean No. of Hours with Temperature 79.512.283 55.5 8.152 ≥67 F ≥ 73 F ≥ 80 F 5361748 828 ≥ 93 F Rel, Hum. 65850 ± 0 F ≤ 32 F 2652435 Dry Bulb 46785 843 9.2 84 2321903 43233 52.2 8.834 828 6.3 49.010.708 Dew Point 2085115 40595

68-70,73-79

YEARS

C 30. USAFETAC

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2310 STATION			L AF		FATION N	AME						3-79		YE	ARS			PAG	E 1	MON (1300)	-050
																				HOUPS (L	. s. t.
Temp.					,			TEMPERA								_		TOTAL		TOTAL	
(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14 1	5 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
14/ 73		• 2			İ	!		i !	Ì						į			3	3		
72/ 71	• 4		• 5		<u> </u>	<u> </u>												13	13 33		
70/ 69 62/ 67	• 5								}				(Ī			33 36	38	18 30	
66/ 65	• 6			•2	• 5			+-+					-	 				26	27		
64/ 63	. 1			• 7	,										- 1			44	47		
62/ 61	• 5			• 7			-	1										59	59		
60/ 59	• 2		1	• 5										li				53	53		
58/ 57	• 7		2.0	• 6		• 1		 	$\neg \uparrow$									64	67	66	
56/ 55	• 2				. 1				- 1									63	65		
54/ 53	• 6		2.9	. 8	• 5			† †										68	69	50	
52/ 51		4.1	3.9					1										79	79		
50/ 49		3.7		1.9	3.													78	79	72	-
48/ 47	• 1		2.2	• 5						!								59	60		
46/ 45		2.7		• 4											T			40	41		
44/ 43		1.4		• 5				$\downarrow \downarrow \downarrow$						<u> </u>				39	39		
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OTAL	4.8	43.3	34.9	11.3	4.7	1.0											<u> </u>		846		8
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Element (X)		Z _X ;			Z _X	<u> </u>	X			No. Ob	<u>. </u>				Mars N	- A 14	2002 2014	h Temperet	ure.		
Rel. Hum.			0520	 	672	28		12.6	3 2		31	10	E	s 32 F	#ean 1		73 F	≥ 80 F	2 93 1	F 7	Total
Dry Bulb			3503		459			3 8 46			46		+-	- 32 6		•6	• 3		+		
Wet Bulb			3912		426			9.2			31		_	1.5		•5			1 -		
Dew Point			9149		401			11.2			31			7.0		• 3		 		+	

GLOSAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12811 MACDILL AFB FL 68-70,73-79 STATION NAME 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 76/ 75 73/ 69 1.8 21 23 13 • zl 68/ 67 2.4 36 66/ 65 3.5 37 38 25 64/ 63 28 · 2 62/ 61 3.1 42 26 60/ 59 4.2 2.1 58/ 57 3.9 2.2 • 6 58 59 51 40 3.0 56/ 55 67 54/ 53 1.8 59 68 52/ 51 57 50/ 49 .1 3.9 5 d 2.7 79 43/ 47 2.7 46/ 45 2.8 1.8 44/ 43 1.9 42/ 41 2.4 34 34 45 40/ 39 38/ 37 37 18 36/ 35 21 34/ 33 13 32/ 31 30/ 29 28/ 27 26/ 25 22/ 21 11 20/ 19 18/ 17 16/ 15 14/ 13 12/ 11 TOTAL 4.147.030.214.5 829 3.0 Element (X) Mean No. of Hours with Temperature SAFETAC OB 67341 Rel. Hum. 5617267 829 ± 0 F ⊴ 32 F ≥ 80 F Dry Bulb 2518745 53.9 8.600 45585 846 7.3 84 222812G 42254 51.0 9.482 829 39764 48.011.713

GLOBAL CLIMATOLOGY BRANCH USAFETAC **PSYCHROMETRIC SUMMARY** ALR WEATHER SERVICE/HAC 12810 HACDILL AFB FL 58-70,73-79 FEB STATION NAME 1 0900-1100 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 書 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 7 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.8./W.B. Dry Bulb Wet Bulb Dew Point 82/ 81 26/ 79 78/ 77 12 13 76/ 75 . 1 1.6 . 4 24 36 37 74/ • 5 73 1.2 35 1.3 € 72/ 71 36 70/ 37 39 69 31 66/ 67 36 33 39 66/ 65 2.2 1.5 1.7 75 77 32 64/ 63 1 - 6 1.6 1.6 59 61 1.2 621 61 1.9 82 51 1.9 60/ 59 2.2 33 6.8 45 83 53/ 57 1.6 57 2.0 83 63 • 7 83 56/ 55 1.2 65 54/ 53 2.4 1.3 52 88 1.3 58 60 52/ 51 1.0 2.0 1.2 39 39 49 53 50/ 49 42 1.8 1.3 1.0 44 44 € 48/ 47 . 2 27 27 54 41 46/ 45 16 16 64 46 44/ 43 38 41 14 € 421 41 19 43 37 24 27 25 • 1 46/ 39 17 38/ 37 15 T 36/ 35 11 34/ 33 321 31 13 30/ 29 12 15 28/ 27 26/ 25 24/ 23 22/ 21 20/ 15 18/ 17 16/ 15 Element (X) Meen No. of Hours with Temporature Rel. Hum. 267 F = 73 F = 80 F = 93 F 10F ± 32 F Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SEPVICE/MAC

12810 STATION

€.

MACDILL AFB FL STATION NAME

PSYCHROMETRIC SUMMARY

FEB MONTH

																				D9DD HOURS (L	L. S. T.)
Temp.								TENPER										TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 . 6	7-8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poi
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Element (X)		Σχ²			zx		¥	₹ 2		No. O	5.				Meen N	la. of H	ours wit	h Temperat	ure.		
Kel. Hum.		418	0333	3		209	68.9	16.9	12		30	± 0	F	s 32 F	≥ 67	F :	73 F	≥ 80 F	× 93	F	Total
Dry Bulb			6985			113	60.3	8.4	95	E	46				18	. 9	7.1		1		8
Wet Bulb			1753		453			9.2			30			. 7	10	• 2	• 8				
Dew Paint		214	7878	3	409	10	49.3	12.5	93	8	30		$\perp L$	8.0	6	. 8	. 2				8

68-79,73-79

YEARS

GLOBAL CLIMATULOGY BRANCH JSAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12610 MACDILL AFB FL 69-70,73-79 FEB

STATION STATION NAME YEARS MONTH

PAGE 1 1280-1480 Hours (L. S. T.)

Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.B.	Ory Bulb	Wet Bulb	Dew Por
-6/ 85							• 2			ļ —								3	3	i i	
841 83						• 2	• 5							<u> </u>				8		 _	<u> </u>
F2/ 81					. 4			• 6	• 1	• 1	• 1		. 1					26			
ES/ 79			. 1	• 7	- 1	1.4	• 9	. 4		• 1	• 1	• 1		<u></u>	<u> </u>			34			
15/ 77			• 6	1.2	• 7		1.8						ŀ	l				48	i	1	
76/ 75			.6	• 6		1.2	• 5	.7	•4		- 1			<u> </u>				44			4
74/ 73		• 1	. 7	1.0			• 7	1		.2				İ			Ì	51			
12/ 71		•2	• 5		• 7		1.4							!				46			
70/ 69		• 4					1 + 8	• 5	•5	l .					i i			81		1	
58/ 67		• 4			1.1	1.2	1.7	.7	1.0									71	71		
65/ 65		1.1	- 4		1.2	1.9	1.1	1.1	1.1	•6							Ì	78			
64/ 63		1.0	_		1.1	1.9	1.4	• 6						<u> </u>	<u> </u>		L	69			
62/ 61	• 2	: 1			1.2	2.0	•8	})	.4					il		<u> </u>	60	,	•	•
50/ 59		.4			• 7	1.1	• 7							L			<u> </u>	40			
58/ 57		• 5		• 7	1.8	1.3			i	l				1			<u> </u>	54		1	
56/ 55		ļ	• 5		1 • 3		• 7							<u> </u>			<u> </u>	43		1	
54/ 53		• 2		• 8	• 6		• 4			l				1	1 1			24	1	1	
52/ 51		• 4		• 2		• 1	• 4							 	├ —┤		<u> </u>	17			
50/ 49		• 2			• 5		• 6		Į	•				!			•	15	1		
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26/ 25									l					l					j	i	1
22/ 21		 		 					 	 -		 		 	 		 	 	 	 	
20/ 19																					
Element (X)		ZX2	I		z _x		X	-,		No. Ol		L.,	ا	L	Man N	a. ad 14		h Tempera			
Rel. Hum.		~X-			- x		<u> </u>	 *		We' 01	*	± 0 1		≤ 32 F	× 67		73 F	= 80 F	* 93	6	Total
Dry Bulb				 -		-		 	\dashv	•		3 0	-	- 32 F	201	-	73 F	1 - 00 F	+ - 73		. 5101
Wet Bulb				 											 			 	-i	 	
				 				 -							 	-		 			
Dew Point				سنبا				<u></u>		e Varia.					<u> </u>						

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 68-70,73-79 STATION NAME STATION Ţ WET BULB TEMPERATURE DEPRESSION (F) TOTAL C 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.G./W.B. Dry Bulb | Wer Bulb | Dew Point (F) 13/ 17 16/ 15 C 14/ 13 12/ 11 TOTAL 8.511.315.322.317.7 9.5 6.1 2.4 831 € 831 € (€ C C 0.26.5 (OL A) No. Obs. Heen No. of Hours with Temperature Element (X) ≥ 80 F | ≥ 93 F 2851867 46477 55-917-440 ⊴ 32 F ≥ 73 F Dry Bulb 3790345 56153 66.4 8.649 42.0 22.D 84 846 2776177 47461 57.1 8.886 831 84 2.9 40635 48.912.962 2126469

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 MACDILL AFB FL 68-70,73-79 FEB

STATION STATION NAME YEARS MONTH

PAGE 1 1500-170

PAGE 1 1500-1700 HOURS (L. S. T.)

Temp.						WET	BULB "	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL	<u> </u>	TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7-8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	0.8./W.B.	Dry Bulb	Wet Bulb	Drw Pa
36/ 85] _		• 1						i			1	1		
94/ 83							• 1				. 1	•1						3]3		<u> </u>
32/ 81					. 4	• 5	• 6	1	•2		• 2	• 1	• 1					2.0			
84/ 79		!	1		1.1	1.6			•2									40			<u> </u>
78/ 77			• 1			•6			1	• 1	!			İ				30			i i
76/ 75		• 1	• 4				<u> </u>					•1						58			<u> </u>
14/ 73		. 2		, ,			• 6	1.4	•5		٠î					i		46			
72/ 71		• 5																71			
75/ 69		• 2	• 6				•		ŧ				ĺ					78		•	
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56/ 65 64/ 63	• 1	1.1	• 7	1					•									74			
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60/ 59	•2		•5				1	•	i									56 47		ł	
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Element (X)		ΣX,			ZX		X	7 2		No. Ol	5.				Mean N			h Tempere			
Rel. Hum.												⊴ 0	f :	32 F	≥ 67	F	73 F	= 80 F	≥ 93	f	Teral
Dry Bulb	<u> </u>				v_										L						
Wer Bulb									_									<u> </u>			
Dé» Péint					, al						1							L			

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

12813	<u> </u>	CDIL	L AF		TATION 4	AME				56-	79.7	3-79	· 	YÉ	ARS				— Е	EB_
																	PA	GE 2	1500 HOURS () – 17
Temp.						WET	BULB '	TEMPER	ATURE	DEPR	SSION (F)			_		TOTAL		TOTAL	
(F) [-	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 29	- 30 2	D.B./W.5	Dry Bulb	Wet Bulb	Dew 1
18/ 17 16/ 15							1													
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TOTAL	• 6	5.3	8.2	10.5	20 • 2	17.9	14.9	11.0	5.8	3.8	1.9	. 7	• 1					846		8
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Element (X)		EX?	<u> </u>	-	ZX	Ψ	I X	•,	-	No. O	<u>.</u> –	<u> </u>		<u></u>	Mean No.	of Hours	with Temper	ature	!	1
Rel. Hum.		283	1786		462	10	55.6	17.7	72		31	± 0	F	1 32 F	≥ 67 F				F	Tetal
Dry Bulb		377	9947		561	89	66.3	8.3	31	8	46				42.			. 0		
Wet Bulb		275	2553	1	473	27	57.0	8.3	เกา	- 5	131				11.	5 3	• 2	1		

GLCBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MACDILL AFB FL

PSYCHROMETRIC SUMMARY

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STATION	_			51	TATION N	AME								YE	ARS					MO	HTH
																		PAGE	1	1800	
							BULBT			OFFICE	eeron /	· 5\						TOTAL I		TOTAL	
Temp.		,	 -			WE	BULB	EMPE	ATURE	DEPRE	SSIUR (100	laa	100 001	27 - 28 2			D.B./W.B.	S		D- B
(F)	0	1 - 2	3 - 4	5 - 6				13 - 14	15 - 16			21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	* 31	5.55 4.5.	MY BUID	MAT DUID	Dew
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72/ 71		1.0	1.1	1.0	• 5	• 2	2 . 2		i	l		l	<u> </u>	Li				33	33		
73/ 69		.8	1.6	1.7	1.0	1.0	- 5	• 2	• 1	Ţ	1	1	!					57	58	25	
68/ 67		1.2	2.2	. 8	1.7	1.0	3 4		l	ĺ	ĺ	l	İ	1 1	- 1	- 1		60	62	33	
66/ 65	• 1	1.3	2.4	1.3	2.2	• 6	5			1 .1		\vdash	\Box	1				67	70	38	
64/ 63	. 2	1.6	1.4	2.3	1.7		1 1	. 4	1	.1		1	i		1	1		79	82	51	
£2/ 61	• 1				1.2			- 4				\vdash	 -	 	 -			66	66		
60/ 59	• 1	1		2.5			. 1			t	•	1	1	1	1	1		73	74	73	1
58/ 57		1.1								 	 	⊹ -						85	85		
56/ 55	• 1	1.3				-			!	Ī	l	l	ĺ	1 1	- 1	- 1		69	70		ı
54/ 53							_	_	₩-	┼──	 	 -	├	 				45	47	81	
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Rel. Hum.			75410		569	54	68.5				31	⊴ 0	F	± 32 F	≥ 67 F		73 F	≥ 80 F	1 9 93	F	Total
Dry Bulb			3379		511		60.5				46		`		20.		5.2		 		
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68-70,73-79

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR MEATHER SERVICE/MAC 12810 FE3 68-70,73-79 HACDILL AFB FL STATION HAME PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1.2 3.4 5.6 7.8 9.10 11-12 13-14 15-16 17-18 19-20 21-22 3-24 25-26 27-28 29-30 231 D.B.W.B. Dry Bulb Wer Bulb Dew Point (F) 14/ 15 .2 1.1 72/ 71 1.3 1.1 70/ 69 37 1 1.3 2.2 37 žď 19 67 .2 1.8 1.0 .6 1.3 1.6 39 55/ 65 43 41 34 .4 2.4 2.5 1.7 £2/ 61 2.3 2.3 1.3 43 56 **60** 30 53/ 59 . 2 2 . 4 2 . 9 2 . 2 71 72 47 56/ 57 3.1 3.4 1.8 40 56/ 55 2.5 4.0 2.9 91 91 50 82 64 54/ 53 2.1 3.9 2.5 77: 81 53 52/ 51 1.2 2.7 1.9 51/ 49 1.1 2.1 3.5 6? 57 671 éä 48/ 47 1.6 40 46/ 45 ·4 1.7 1.Q 50 32 32 56 44/ 43 11 42/ 41 10 36 41 40/ 39 39 - 8 37 32 36/ 35 34 34/ 33 23 30/ 29 28/ 27 26/ 25 24/ 23 22/ 21 18/ 17 2.224.636.224.2 9.8 2.5 Element (X) ≥67 F | ≥73 F | ≥80 F 62954 1 32 F 4929740 76-013-162 2813758 18326 Dry Bulb 57.2 7.694 845 10.8 Wet Bulb 2401256 44034 53.2 8.480 828 5.8 40905 49.410.593

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR %SATHER SERVICE/MAC

PACDILL AFB FL

12810

PSYCHROMETRIC SUMMARY

FEB

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68-70,73-79

ETAC FOLM 0.26-5 (OLA) HYSTE MINOUS TENIONS OF THIS FOLM ARE OLD OLITE

SLOSAL CLIMATOLOSY BRANCH PSYCHROMETRIC SUMMARY LSAFETAC AIP WEATHER SERVICE/PAC 66-70,73-79 12210 MACDILL AFB FL € PAGE 2 HOURS (L. S. T.) WE' BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL ₹ 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 231 D.B./V.B. Dry Buts Wer Buts Dew Point (F) 18/ 17 14/ 13 12/ 11 2.324.224.917.212.9 8.5 5.2 3.0 1.6 4754 5639 € Š ω § ξ Rel. Hom. 470219 70.817.932 4639 +67 # | +73 P | +90 F | +93 F 35438671 2-394863 401093 59.3 9.503 5764 160.0 57.8 672 Wet Bulb 19841917 357847 53.9 9.133 612 6639 66.0 5.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 1281G MACDILL AFB FL 68-70,73-79 STATION NAME T. PAGE 1 0000-0200 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 76/ 77 76/ 75 74/ 73 22 22 72/ 71 61 5.4 1.9 115 26 70/ 69 4.1 115 46 58/ 67 5 . 4 2.3 106 79 3.2 92 66/ 65 1.6 89 89 3.7 3.0 1.7 99 74 64/ 63 • 2 1.8 . 1 99 (62/ 61 3.7 2.3 1.8 76 76 84 85 60/ 59 3.0 3.8 95 74 96 96 2.4 58/ 57 3.8 2.3 81 81 70 1.9 56/ 55 1.3 50 9 U 79 53 • 8 71 54/ 1.7 56 56 64 52/ 51 21 . 2 70 16 36 50/ 15 48/ 47 7 46/ 45 17 33 C 44/ 43 17 • 8 42/ 41 19 40/ 39 26 38/ 37 16 34/ 33 5 32/ 31 4 30/ 29 4 28/ 27 TOTAL 1.928.839.120.6 7.3 1.6 926 926 926 ĝ ZXZ Mean No. of Hours with Temperature Element (X) No. Obs. 5967813 79.511.209 926 Rel. Hum. 73611 ≤ 32 F ≥ 67 F *73 F | *80 F | *93 F 3 0 F 3663819 62.4 6.834 929 31.0 15.0 3253744 54464 58.8 7.379 926 51761

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810 MACDILL AFB FL 68-70,73-79 MAR STATION NAME STATION 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.S. Dry Bulb Wet Bulb Dew Point (F) 78/ 77 74/ 73 72/ 71 • 9 1.9 29 29 76/ 60 58/ 67 5.3 3.5 94 1.1 94 87 2.7 82 66/ 65 4 . 3 82 64/ 63 2.8 2.0 1.0 104 104 74 74 62/ 61 4.0 3.1 84 76 84 607 59 3.1 3.5 74 74 75 58/ 57 2 . 2 64 7 1 64 56/ 55 4 . 2 1.2 8.6 86 88 62 2.3 54/ 53 65 65 67 52/ 51 1.3 1.3 34 34 73 69 50/ 49 65 . 8 48/ 47 11 11 32 48 46/ 45 20 20 •5 44/ 43 16 17 42/ 41 "D/ 39 10 29 35 36/ 34/ 33 32/ 31 30/ 29 28/ 27 TOTAL 2.540.336.613.2 5.7 1.5 930 927 927 Ne. Obs. Element (X) Mean No. of Hours with Temperature 81.911.413 Rel. Hum. 6333436 75890 927 ≥67 F | ≥73 F | ≥80 F 61.2 7.233 26.4 3527208 56878 930 Dry Bulb Wet Bulb 3181013 53815 58.1 7.839 927 13.2 .6 93 Dew Point 2937419 51439 55.5 9.472 927

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/M4C MACDILL AFB FL 68-70,73-79 STATION NAME PAGE 1 0690-0800 HOURS (1. 5. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 76/ 75 74/ 73 . 3 17 721 71 2.7 2.4 54 54 14 3.9 5.1 69 103 103 68/ 67 3.6 1.2 107 91 52 6.5 107 65/ 65 5.2 2.7 1.2 95 95 76 4.5 1.5 1.4 64/ 63 76 69 84 4.2 62/ 61 . 3 2.3 1.6 84 84 82 63 541 59 3.8 2.4 75 75 71 79 58/ 57 2.9 2.7 75 63 63 61 56/ 55 2.8 2.8 65 65 65 59 54/ 53 1.9 2.4 59 59 51 35 52/ 1.2 35 57 72 597 49 20 56 47 48/ 1.0 26 30 39 26 46/ 45 19 2 G 26 20 • 8 44/ 43 27 21 42/ 41 23 46/ 39 16 17 38/ 37 36/ 35 10 34/ 33 12 32/ 31 11 30/ 29 28/ 27 10 26/ 25 24/ 23 TOTAL 2.741.932.614.9 6.4 1.0 927 927 No. Obs. Meen No. of Hours with Temperature Element (X) Rel. Hum. 75581 81.512.349 927 ±0F 1 32 F 267 F 273 F 280 F 293 F 56907 930 3537755 61.2 7.736 Dry Bulb 28.3 1.9 15.7 3188575 53803 58.C 8.433 727 Wet Bulb 2940006 51326 55.410.298

GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| 12810 | MACDILL AFB FL | 68-70,73-79 | MAR | | MORTH | | MORTH | | MORTH | | MORTH | | MORTH | | MORTH | | MORTH | | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH | MORTH |

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72/ 71		1.7	3.1	1.6		1.8	1.0		• 1	• 1				<u> </u>				101	101	80	
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58/ 57		• 3	• 5	1.0	- 8	• 5	• 6	• 5			i -					_		40	40	51	66
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	i																				
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Dry Bulb		440	7224	_	636		68.4	7.8	51		30				58•	8	32.5	3.	9	_	93
Wet Bulb		360	6356		573	34	61.7	8.5	56	- 0	29				31.		5.4		1		93
Dew Point			9311		525		56.6				29		$\neg \vdash$	5.2	28.		1.1		1	_	93

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/HAC 12810 MACDILL AFB FL MAR 68-70,73-79 STATION NAME STATION 1200-1400 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 88/ 87 86/ 85 24 24 . 1 84/ 83 55 55 115 115 3.9 82/ 81 79 113 53/ 1.2 2.4 2.8 1.3 2.6 113 75/ 77 93 93 110 110 27 76/ 75 1.3 1.9 • 8 1.0 1.0 74/ 73 1.3 84 78 59 115 45 72/ 71 59 . 5 • 5 45 45 78 51 70/ 69 . 8 • 5 . 1 66/ 67 • 4 39 39 83 92 45 45 . 9 84 61 66/ 65 • 6 43 43 91 64/ 63 32 32 100 64 62/ 61 60/ 59 30 30 49 61 58/ 57 . 1 12 42 67 29 56/ 55 10 10 58 47 54/ 53 . 41 12 66 16 45 29 39 50/ 49 47 24 25 43/ 23 20 46/ 45 28 43 42/ 41 26 18 40/ 39 15 38/ 37 35 12 11 3u/ 33 32/ 31 21 10 30/ 29 10 27 28/ 26/ 25 9 2 24/ 23 20/ 19 No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. Dry Bulb Wet Bulb

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC 12610 MACDILL AFB FL

PSYCHROMETRIC SUMMARY

 12610
 MACDILL AFB FL
 68-70,73-79
 MAR

 STATION
 STATION NAME
 YEARS
 MONTH

 PAGE 2
 1200-1400

Temp.	WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 ≥ 31															TOTAL	TOTAL				
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Pa
DATO	• 1	4 • 1	4.7	9.4	13.4	19.6	16.5	19.6	8.2	3.2	•9	• 3	• 1					930	930	930	9.
				 																	
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Element (X)		ZX2	L		ZX		X	· .		No. Ol		<u> </u>		<u> </u>	Mean !	No. of H	lours with	Temperat	urø.		
Rel. Hum.		31%	2144		520	26	55.9	15.7	93		30	± 0	F	32 F	≥ 67		≥ 73 F	≥ 80 F	₹ 93	F	Total
Dry Bulb		511	1213	1	685	59	7-3 - 7	7.8	39		30						59.7		7]		
Wet Bulb			9956		590	48		8.0	91		30						10.6				
Dew Point	-	305	1241	1	521	67	56.1	11.6	80	9	30			5.3	20	• 3 -	1.5				

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 STATION	MACDILL AFB FL STATION NAME										70,7	5- 19			EARS						NTH
_																			SE 1 1500+170		
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 20	27 - 28	29 - 3	0 ≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Poir
uu/ 89							• 1			[-	1	1		
88/ 87									• 3					<u> </u>	<u> </u>	<u>i</u>		7	1		
36/ 85		l				• 1		}	1	1	1	_			1		į	16			l
84/ 83					• 2		• 9	- 4				• 1		<u> </u>		Ь—		28			<u> </u>
82/ 81			7	- 3	1.7	3.7	1.2					• 1	• 1	1	ž.	1	ļ	91	91		
78/ 79 78/ 77			• 3		2.5			2.0					• 1	 	┼	├	-	126			
76! 75		1	• 8 • 5	1.5	1.5			2.8	•						1	1		112		-	1
74/ 73		•2	- 6	1.2	1.7			1.7				. 1		<u>'</u> —	 -	 	+	90			
72/ 71		. 8	1.2	. 6	1.2	_		• 5	•			. 1						73	!		1
70/ 69		• 2	1.5		• 3									 	┪	\vdash	+	56			
68/ 67		. 1	1.0	. 4	• 5				•					1	1		1	39			
66/ 65		• 4	• 3	• 5	• 5	• 3	• 3	• 4						 			1	35	35	93	7 (
54/ 63		. 4	- 9	. 4	• 2	. 6	.8	• 2	.4						1			40	40	100	
62/ 61		•2		• 1	• 2			• 1	•1					1	Ī			15		88	
50/ 59		• 3	• 3	• 2	• 5		. 4	• 5						<u> </u>				28			
58/ 57	• 1	•2	• 2	• 3	• 6		• 4	•		1				ĺ	1	1	1	22			
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36/ 35						l			<u></u>	<u> </u>							┷	<u> </u>	! !		17
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24/ 23								1								İ	1	ļ			
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Rel. Hum.		~X.		<u> </u>	- X		<u> </u>	-		Ne. UI	-	± 0		± 32 F	meon ≥ 6		2 73 F	> 80 F	≥ 93	F	Total
Dry Bulb								 			- i			- 32 -	+	-		+	 - "	-	
Wet Bulb			·			_		 	-				_		1	-		 	1		
Dew Point								 -	-+-				 -		-			1			

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR KEATHER SEPVICE/MAC

PSYCHROMETRIC SUMMARY

12810 MACDILL AFB FL 68-70,73-79 MAR STATION NAME MONTH 1500-1700 PAGE Z WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point TOTAL .1 3.0 8.4 9.515.417.713.913.8 9.8 5.9 1.8 930 930 930

No. Obs. Element (X) Rel. Hum. 3203016 52330 56.316.680 930 ≤ 0 F ≤ 32 F 267 F 273 F 280 F 293 F Dry Bulb 5065868 68260 73.4 7.745 930 75.8 57.0 21.6 93 7.5 3769633 53771 63.2 7.738 930 93 Wet Bulb 36.8 3011519 51881 55.811.236 930 Dew Point 16.9

FORM 0.26-5 (OL A) IEVISED MENOUS EDITIONS OF THIS FORM ARE OINS

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP KEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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89/ 79					• 1	• 4	• 2	•1		• 2		• 1						13	13		
78/ 77		•1	. 4	1.1				I	i e	i .								54	54	-	
76/ 75		• 3	1.9	2.8														98	98	2	
74/ 73		•5	2.2	3.3	2.4	1.5	1.2	.6	•1									111	111	13	1
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64/ 63 52/ 51		2.0	1 .		1 1	1.0	•				1	i i						45	45	105	7
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D. 9 /5		423	4553		631	₹₹!	67.9	7.3	46		30				60	-0	27.9	-	6		9

Elèment (X)	ZX'	ZX	X	₹g.	No. Obs.			Meen No. e	Hours with	Temperatur	•	
Rel. Hum.	4478957	62987	67.7	15.141	930	10F	± 32 F	2 67 F	≠73 F	≥ 80 F	* #2 F	Total
Dry Bulb	4334553	63133	67.9	7.246	930			60.0	27.9	• 6		93
Wet Bulb	3537233	56931	61.2	7.494	930			25.5	1.5			93
Dew Point	3030360	52278	56.2	9.933	930		1.6	12.5	• 5			93

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(F)	0	1 . 2	3 - 4	5 - 6	7 - 8	9 - 10	111 - 12	2 13 - 14	1 15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	₹ 31	D.E./W.B.	Dry Bulb	Wet Bulb	Dew Point
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76/ 75		• 5				• 1	<u> </u>				<u> </u>							21	21		
74/ 73	i	1.3		2.4			ų –	į	1		Į .	1 1		i 1				64	64		4
72/ 71		1.2			1.5				1	<u> </u>							<u>i</u>	89	69		
73/ 69			6.3				1	5¦	1	}	į			[[ļ		i	148	148		
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Rel. Hum.			3235		701	35	75.	412.	453		30	⊴ 0 (F :	2 32 F	2 67	_	73 F	≥ 80 F	≥ 93 1	F	Tetal
Dry Bulb			9992		599			5 6.			30				42		8.8		1	\bot	9:
Wet Bulb			1106		556			8 7.			30		_ل_		19		1.1			-	9.
Dew Point		302	3920		523	46	56.	3 9.	138	9	30		L_	. 2	10	• 4	, 4		.l	!	93

USAFETAC NUMBER 0.26-5

SLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY USAFETAC** AIR WEATHER SERVICE/HAC MACDILL AFB FL 68-70,73-79 STATION STATION NAME PAGE 1 ALL HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ± 31 | D.B./W.B. | Dry Builb | Wet Builb | Dew Point 90/ 89 88/ 87 41 85/ 85 94/ 83 63 83 827 81 227 227 1.0 • 0 79 296 296 344 344 701 77 76/ 75 444 444 497 43 74/ 73 1.5 • 0 497 219 72/ 71 587 587 403 164 1.3 2.6 • 0 .0 802 802 559 331 70/ 69 2.3 3.8 1.5 1.1 .7 • 1 2.4 529 68/ 67 2.5 1.5 632 532 722 571 65 2.2 1.6 1.5 571 765 664 c6/ 599 64/ 63 582 582 733 574 471 521 61 2.3 1.5 1.0 4771 • 2 445 445 529 565 60/ 59 . 0 1.6 1.8 1.1 57 1.2 1.4 346 345 487 535 56/ 55 1.4 326 451 559 326 1.1 53 • 8 283 389 547 1.0 283 151 346 437 151 £2/ 51 273 87 29 386 5.1/ 49 48/ 47 . 1 68 221 278 . 1 72 161 21C 45 70 45 4 1 137 179 44/ 43 . 1! 42/ 41 83 183 56 168 40/ 39 150 38/ 37 35 86 36/ 77 34/ 33 Š 32/ 31 33/ 29 49 28/ 27 32 26/ 25 24/ 23 No. Obs. Element (X) Mean No. of Hours with Temperature ±0F ≤ 32 F ≥47 F ≥ 73 F ≥ 80 F ≥ 93 F Rel. Hum. Dry Bull Met Bulb

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GLOSAL CLINATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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																	PAU		HOURS II	L. S. T.
Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5-6	7 - 8								23 - 24 25	- 26	27 - 28 29 -	30 = 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
20/ 19												į		- 1						i i
OTAL	1.1	19.4	23.7	7:17.9	12.9	9.4	5.1	5.2	2.6	1.3	• 3	• 1	•0	<u>• a</u>				7439		742
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Element (X) Rel. Hum.		ZX'	9196		2x 5251	11.6	70.7	17 1		No. 05		± 0 F	1 -	2 F	≥ 67 F	Hears with	≥ 20 F	ture ≥ 93 !		Tetal
			763		4953		66.6			74		± 0 F	= 3	45		194.3			- 	7
Dry Bulb					4498					74								익		7
Wet Bulb			761		4157	20	60 • 5 56 • 0	7001	29	- 74					196.1			┿		7
Dew Point		4700	114:	건	4721	97	30.0	1003							1U/+3	4.7				

SLORAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 KACDILL AFB FL 68-70,73-79 STATION STATION NAME 0000-0200 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 25-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 32/ 61 • 1 76/ 77 75 1.3 1.0 29 29 74/ 73 3.0 3.8 1.0 80 80 2 d 721 71 4.9 6.3 2.7 5 i 138 138 75/ 60 .1 5.8 8.4 3.1 3.1 . 9 195 195 66/ 6, 3.9 6.9 2.8 2.6 1.C 155 155 143 .1 3.1 2.7 3.4 66/ 65 2.8 1.0 118 130 118 64/ 63 1.3 2.7 2.3 77 77 110 62/ 61 .9 2.1 1.0 1.1 • 2 48 48 102 50/ 59 1.0 • 61 30 30, 83 . 4 56/ 57 . 2 13 13 55 56/ 55 10 * 4 54/ 53 29 51 521 10 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 39 43/ 38/ 37 36/ 35 34/ 33 32/ 31 TOTAL · 5|24 · 9|34 · 6|19 · 8|14 · 6| 4 · 9| 900 900

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Mean No. of Hours with Temperature

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31.0

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267 F 273 F 283 F 293 F

105

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Element (X)

Rel. Hora

Dry Bulk

Wet Bulb

5625347

4160366

3663564

70345

61066

57208

54551

78.211.890

67.9 4.347

63.6 5.497

GLOBAL CLIMATOLOGY SRANCH LSFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12813 MACDILL AFB FL 52-70,73-79 STATION NAME STATION PAGE 1 9300-0500 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 27-22 23-24 25-26 27-28 29-30 27 • 2. 75/ 77 75/ 75 .2 2.3 1.1 74/ 73 35 35 10 16 72/ 71 4.0: 5.2 22 36 23 78/ 69 6.9. 7.8 2.7 158 159 7 2 53 .1 6.4 8.7 2.3 2.Z 151 68/ 67 121 13% .4: 6.C; 4.4: 4.6: 1.4: 56/ 65! - 4 155 122 133 64/ 63 1 2.3 2.7 2.4 1.0 134 • 7i 107 521 61 2.1 1.4 2.4 1.3 53 53 S 4: 88 £6/ 59 1.4 1.7 .7: 95 61 58/ 57 • 1 .7 2.6 1.0 37 37 69 68 55/ 55 .1 1.2 54/ 53 . 4 36 9 64 52/ 51 50/ 49 . 1 25 48/ 47 46/ 45 15 44/ 43 42/ 41 45/ 39 38/ 37 38/ 35 34/ 33 32/ 31 36/ 29 TOTAL 1.133.735.917.8 8.3 2.8 900 900 6046617 73907 900 = 67 F ≈ 73 F Dry Buib 3979031 59693 66.3 4.700 900 48.7 5.6 90 3572561 62.7 5.826 30 54193

0.26-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

38/ 3/ 36/ 35 34/ 33 32/ 31 30/ 29 28/ 27

TOTAL

1.729.732.120.810.9 3.6 1.0

PSYCHROMETRIC SUMMARY

900

900

900

12816	MA	COILI	_ AF		ATION NA					68-	70,7	3-79			ARS					A	PR
3121101				3,	ATTOR NA	ML												PAG	E 1		-0800
Temp.						WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 · 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./#.B.	Dry Bulb	Wet Bulb	Dew Point
78/ 77		.1	• 6	• 2	. 1				• 1									1	1		
16/ 75		- 8		• 6	.4			 				 		 -	 	 	}- <i>-</i>	36	36	1	
14/ 73	• 1	3.2			1]]		73	73	20	9
727 71	• 2	5.0	5.4	1.8	• 7	• 3		• 1						 		 		122	122	76	4 0
70/ 69		4.7	5.9	3.4	1.3	. 6		•-						ĺ				143	143	,	76
68/ 67	• 3	5.3	6.9	3.1		• 2	• 1	 		 	 			 				169	169		87
66/ 65	. 6	4.6	3.0	3.0	1.7	• 3	• 3			!			İ			Ì		121	121	122	105
64/ 63	•1	2.7	1.1	3.1	1.0	• 9	• 1					 		 			_	81	81	123	107
62/ 61	• 1	2.0	1.1	1.6	. 9	• 2	• 1	ļ			1				j	ı		54	54	97	
60/ 59	• 2	. 8	2.0	• 9	• 7	• 1	• 1	• 1					i —			1		44	44	81	<u>98</u> 76
58/ 57		• 4	1.0	• 1	• 4		• 1									ļ		19	19	60	_ 61
56/ 55				• 2	• 3	• 3	• 1					<u> </u>						2.1	11	52	57
54/ 53		l	• 1	• 4	• 2	• 2		<u>.</u>			<u> </u>					<u> </u>	L	9	9¦	22	58
52/ 51				• 1	• 1	1												3	3	9	38
50/ 49		• 1		• 1	• 1	• 2		<u> </u>	<u> </u>	<u> </u>	L				<u></u>	<u> </u>		5	5	12	26
48/ 47	i	1				l i		1	}	1]]						9	8
46/ 45	_							<u> </u>	ļ				L				<u> </u>			6	13
44/ 43		i							ĺ		I Í	!		1		1	l		į	4	10
42/ 41								ا	ļ	<u> </u>	<u> </u>	<u> </u>		<u> </u>	L	<u> </u>				4	10

No. Obs. Mean No. of Hours with Temperature Element (X) 79.612.351 Rel. Hum. 5836826 71622 900 ≥67 F | ≥73 F | ≥80 F 4094734 60540 67.3 4.993 900 55.3 11.9 Dry Bulb 3639355 56973 63.3 6.038 90C 2.1 3354108 54474 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12816 MACDILL AFB FL 68-70,73-79 APR STATION NAME STATION MONTH PAGE 1 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL ₫. D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 3 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) ~8/ 37 -6/ 85 84/ 83 1.0 69 82/ 81 2.1 1.8 PC/ 79 3.8 2.9 3 . Di 138 138 1.9 78/ 77 2.6 4 . 8 2.3 157 761 75 2.3 3.8 3.8 2 . 6 32 . 6 1.3 1.0 145 145 2.3 141 2.8 134 134 97 71 72/ 1.3 2.6 1.6 2 . 1 • 6 93 93 120 74 1.2 . 9 711/ 69 . 1 1.6 1.2 60 60 131 81 68/ 67 . 1 . 1 • 1 33 33 138 83 • 7 66/ 65 98 96 64/ 63 91 • 1 4 52/ 61 12 50 76 59 60/ • 1 • 1 33 83 58/ 57 40 57 . 1 56/ 55 16 44 C 54/ 53 52/ 51 40 49 21 48/ 47 26 46/ 45 44/ 43 15 42/ 41 8 40/ 39 7 38/ 37 35/ 35 34/ 33 32/ 31 ತ 28/ 27 26/ 25 24/ 23 TOTAL 2.610.116.622.917.713.9 9.1 5.3 1.2 900 900 Element (X) Zx2 No. Obs. Mean No. of Hours with Temperature Rel. Hum. 900 267 F | 273 F | 280 F | 293 F 3729685 56459 62.714.457 ≤ 0 F ≤ 32 F 86.1 67.5 16.8 Dry Bulb 5120680 67754 75.3 4.718 900 90 4026038 59972 66.6 5.755 908 52.0 90 13.1 54957 61.1 8.725 3424291 900 90 Dew Point 26.8

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

Temp.						EMPER	ATURE	DEPRE	SSIOH (F)						TOTAL		TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3C	× 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
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90/ 89								• 1		- 1	• 2			<u> </u>	1			- 4	4		
88/ 87					ļ		• 3							İ				31			
56/ 85						1.3				·——			• }	!	<u> </u>			78			
44/ 83		!		. 6		3.3					1	- 1		ļ	į į			160		İ	
82/ 81				1.0							• 7		<u>•1</u>		 		ļ	509			
90/ 79			• 2	1.3		- 1		3.0		1 1	1.0	1	• 1					147	147	لما	
78/ 77			1.2	• 6	1.7						- 1	• 4		!				100		10	
76/ 75		•1	• 2 • 1	• 3	2.3		. 8	1.6		1 . 1				ļ			i	81 40	81 49	63 118	
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66/ 65				••	- ^	. 1	• 2	• 3		1 1				1	1 1			6	1 1	115	
14/ 63									•3					 	 +		ļ	72		70	
62/ 61		! !				- 1								ĺ	1 1					57	
63/ 59														-	 					35	79
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Element (X)		Σx'	L	 	z x		¥	•	<u> </u>	No. Ob					l Hann St			h Tempera	<u></u>		<u></u> _
Rel. Hum.		-X		<u>-</u>	- X					.10. 00	- +	= 0 1	= 1	± 32 F	≥ 67		73 F	= 80 F	≥ 93 F		Total
Dry Bulb									+-			- 0 1	-	- 34 P	1 20/	`	73 -		- 73 [
Wet Butb			- 27												 			 		-i	
Dew Point		-													 	_		 -			
			T	·														ــــــــــــــــــــــــــــــــــــــ			

SLOBAL CLIMATOLOTY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/HAC 12810 MACDILL AFB FL 68-70,73-79 STATION NAME STATION 1200-1400 HOURS (L. S. T.) PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.b. - Bulb Wet Bulb Dew Point (F) TOTAL .3 2.0 4.511.316.115.117.015.710.7 4.7 2.2 900 900 900 C ā 0.26.5 (OL Element (X) ₹_R No. Obs. Mean No. of Hours with Temperature 51.413.994 80.1 4.375 ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F Rel. Hum. 2557922 46300 ± 0 F 900 ≤ 32 F 5797867 72129 Dry Bulb 900 89.2 85.3 58.2 90 Wet Bulb 4145721 60887 67.7 5.437 900 55.8 19.1 90 53799 59.8 8.970 23.3

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 68-70,73-79 STATION STATION NAME 1500-1700 HOURS (1. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | x 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 42/ 91 • 1 90/ 89 98/ 87 1.9 24 24 36/ 85 1.1 2.0 79 79 54/ 83 2.0 1.6 2.4 1.8 3.2 2.4 137 137 82/ 81 3.6 3.3 2.8 3.2 2.3 2.0 183 183 2.7 4.8 2.6 2.2 2.1 178 78/ 77 2.2 1.7 1.7 2.0 1.6 109 109 75/ 75 .7 1.6 1.2 1.8 74/ 73 1.0 • 6 40 40 128 7: 721 .1 • 1 19 19 115 64 70/ 69 21 21 135 66 65/ 67 15 15 128 88 c6/ 65 112 64/ 63 92 59 60 62/ 61 70 60/ 59 35 58/ 57 25 75 56/ 55 10 54/ 53 49 52/ 51 5 3 50/ 49 50 48/ 47 21 467 45 19 43 15 42/ 41 40/ 39 38/ 37 36/ 35 õ 34/ 33 TOTAL 3.0 6.512.016.213.713.815.510.0 5.2 2.8 899 899 899 ZX2 Element (X) No. Obs. Meen No. of Hours with Temperature 2663221 47087 52.414.809 899 ± 0 F 267 F | 273 F | 280 F ≥ 93 F 79.8 4.487 Dry Bulb 574579C 71758 899 83.9 90 4126897 67.6 5.083 Wet Bulb 60739 899 55.2 17.3 90 53816 59.9 8.521

GLOBAL CLIMATCLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WESTHER SERVICE/MAC 12610 68-70,73-79 MACDILL AFB FL APR STATION NAME STATION PAGE 1 1800-2000 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B.W.B. Dry Bulb Wet Bulb Dew Point (F) • 1 58/ 87 94/ 83 12 12 52/ 81 42 .2 1.2 2.3 1.4 1.0 2.3 3.7 1.9 8 / 79 2.1 1.5 1.2 92 701 77 1.1 2.9 4.6 3.6 76/ 75 3.1 1.9 168 168 2.8 5.2 2.2 2.6 2.4 2.4 1.7 2.0 74/ 73 155 72/ 71 109 109 86 • 6 1.: 13/ 69 2.0 59 .3 1.6 .7. 1.3 51 68/ 67 51 147 66/ 65 .71 1.0 33 114 64/ 63 12 12 113 10 60/ 59 • 1 58/ 57 55 56/ 54/ 53 52/ 51 50/ 49 48/ 47 44/ 43 42/ 41 49/ 39 38/ 37 36/ 35 34/ 33 TOTAL 4.110.719.917.617.113.0 9.8 5.0 1.6 1.1 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature

900

900

900

35

96

93

87

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≥73 F | ≥80 F | ≥93 F

9.8

61.1

6.7

84.0

43.6

C õ 88

Dry Bulb

Wet Bulb

3743992

4965203

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62.715.011 74.1 4.654

65.6 5.186

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY! AIR WEATHER SERVICE/MAC 12815 MACDILL AFB FL 68-70.73-79 APR YEARS STATION STATION NAME PAGE 1 2100-2300 HOURS (L. S. T.: WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point <u>66/ 85</u> 35/ 79 £, 78/ 77 19 19 1.0 3.3 1.9 76/ 75 74/ 73 2.9 5.3 3.6 3.0 1.8 172 172 27 14 727 71 2.3 7.8 4.0 3.3 1.8 153 183 77 75/ 69 2.6 6.9 2.0 2.1 2.9 160 160 104 77 56/ 67 .1 1.1 2.8 1.6 2.7 1.8 94 94 138 667 65 .9 2.1 2.1 2.6 90 90 143 96 54/ 63 .3 1.3 1.3 1.4 1.0 94 49 49 97 52/ 61 . 7 . 8 19 19 101 95 • 1 53/ 59 . 2 • 9 . 1 14 80 73 58/ 57 • 2 51 • 1 56/ 55 25 54/ 53 48 52/ 51 59 567 49 48/ 47 21 46/ 45 13 44/ 43 42/ 41 40/ 39 37 38/ 36/ 35 TOTAL .611.330.918.719.113.1 4.8 2.1 900 900 900 ₹ ತ Element (X) No. Obs. Mean No. of Hours with Temperature 72:713.294 Rel. Hum. 4916259 55393 900 10F 267 F 273 F 280 F 293 F ≤ 32 F 4434086 63058 70.1 4:214 200 Dry Bulb 71.7 58.0 90 64.4 5.238 60.5 7.273 3753940 57934 Wet Bulb 90G 34.7 2.8 90 54481 3345533 900 21.8 1.4

GLOBAL CLIMATOLOGY BRANCH SAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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fer Bulb									\dashv				+-			+	+	+		
Dew Point						-			-				+			+		+		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

(1-)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	> 31	U.D./ W.D.	Dry Bulb	Wet Bu.s	Dew Por
24/ 23														Ī .							
OTAL	_ • 5	13.4	19.9	15.6	14.6	11.4	7.2	6.4	5.3	2.9	1.4	• 7	• i	•0		L			7199		719
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Element (X)		2X2	7869		Z _X 4866	60	X 67.6	17.5		Na. 06	99	= 01		± 32 F	Mean 1		73 F	Temperen	ure i ≥ 93 !	-	Tetal
Dry Bulb			7777	ļ	5227	15	72.6	9.3	[] -		99	201		2 J4 F				138.		 -	72
Wet Bulb			9768		4691		55.7	5.8	10 -		99		+		328		65.4		+		$-\frac{7}{7}$
Dew Point			4786		4341			8.0			99			2.7			14.3		+		72

MILES 0.26-5 (OL.A) HYSEP PETOUS EBITIONS OF THEI

USAFETAC FORM 0.26.5

GLUBAL CLIMATOLOGY BRANCH
JSAFETAC
ALP WEATHER SERVICE/MAC

1281C MACDILL AF6 FL
STATION

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(OL A)

PSYCHROMETRIC SUMMARY

0000-0260 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 3 D.B. W.B. Dry Bulb Wet Bulb Dew Point 72/ 81 55/ 79 .9 3.5 1.8 1.9 .5 2.2 7.3 3.2 1.5 1.3 .9, 3.5, 1.8, 1.9 78/ 77 84 84 76/ 75 144 144 95 ·1; 5·2; 8·4; 6·9; 2·3; 1·1; 221 221 74/ 73 33 215 72/ 71 •2 4 • 6 11 • 0 3 • 5, 3 • 2 215 153 106 75/ 69 2.8 5.9 2.7 1.8 • 6 129 129 191 141 .3 3.3 1.4 2.3 73 185 64/ 67 . 3 73 179 66/ 65 . .3 • 8 • 9, 21 21 110 129 • 2 • 1 64/ 63 • 1 9.0 38 52/ 61 • 1 60/ 59 58/ 57 39 56/ 55 2<u>C</u> 54/ 53 24 52/ 51 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 -316-241-322-614-5 4-5 930 TOTAL 930 930 930 Element (X) No. Obs. Mean No. of Hours with Temperature ± 32 F 930 267 F 273 F 280 F 255 F Rei. Hum. 5897180 73492 79.0 9.819 20F 47.5 4899834 67330 930 89.3 Dry Builb 72.5 3.469 68-1 4-068 65-5 5-286 4326730 53320 930 64.9 12.0 60046 4020210 930 47.1 Dew Paint

68-70,73-79

GLOBAL CLIMATOLOGY BRAMCH USAFETAC AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

THE PROPERTY OF THE PARTY OF TH

Temp.							T 0111 0	TENS	3 C D A 3	HPE	DEPRE	SSION /	E\						TOTAL		TOTAL	
(F)	0	1 2	2.4		7 .									23 - 24	25 24	27 . 28	29 . 30	1 . 22		Dry Bulb W		ham Point
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76/ 75	. 3			2.8			اد	!	ı				!		İ				96		16	12
74/ 731	• 1			4.5		1		÷-	+		<u> </u>			-	-	 			203	203	55	25
12/ 71				1.2			•		- [1				202	202	152	87
70/ 69				2.3				-	+										167		189	166
56/ 67				2.5		•	1 .	,	- [ļ	1			100		188	173
55/ 65		1.6		2.2				-	÷							-		-	63		92	.59
64/ 63	į	1.3		1.1	:			1	i					į				l	27		94	94
62/ 61		.1					1	 -	-		 							ļ	12		61	52
60/ 59		• •	• 5				1	1	- 1									İ	6		24	59
58/ 57			• 3	• 2		:					!							'	2		30	38
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48/ 47						ļ	1	-	ı		ĺ											5
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Element (X)		ZX2			Z X	'	- X	+	-		No. Ol		لــــا		<u> </u>	<u> </u>	do at 4	l auso misi	Tempere			
Rel. Hum.			0471		766	05	82.			_		30	201		32 F	meen r		73 F	- 80 F	- 93 F	1 7	otel
Dry Buib			4431		560		71.					30		' '	- 32 F	81		35.0		8	- ' '	93
Wet Bulb			7082		627		67.					30		+-		61		8 • 5		~	+	93
Dew Point			7344		607		65.					30		+		46		4.0			 	- 73
SAM LOINA				<u> </u>		77				1					_	70		7.0	<u> </u>			

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY LSAFETAC AIR WEATHER SERVICE/MAC 12618 MACDILL AFB FL 68-72,73-79 STATION NAME 0600-0800 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. € D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 (F) 46/ 85 84/ 83 °2/ 81 .1 1.0 1 3 18 .2 1.6 2.4 1.6 .8 4.3 3.7 1.3 56/ 79 57 79/ 77 9 6 75 16 76/ 75 .2 3.0 7.0 4.1 1.3 15<u>5</u> 159 :4/ 75 5.8 6.7. 5.2, 1.5 190 15. 134 56 72/ 71 5.3 6.6 2.3 156 189 4.0 4.3 2.4 1.5 3.1 1.2 76/ 69 1.8 124 124 177 68/ 67 68 126 148 66/ 65 1.1 • 2. 94 .8 1.1 78 64/ 53 - 5 79 • 1 17 61; 521 . 1 8! 40 697 59 • 1i 27 5 C 58/ 57 • 1 35 2 • 1: 56/ 55 54/ 53 13 52/ 51 507 49 3 48/ 47 46/ 45 44/ 43 42/ 41 1.422.735.224.211.4 3.8 1.1 933 930 ₹ Element (X) No. Obs. Mean No. of Hours with Temperature 930 267 F | 273 F | 280 F | 293 F Rel. Hum. 6097156 74692 80.310.289 20 F ± 32 F 72.9 4.176 68.7 4.511 Dry Bulb 4953353 67761 930 85.6 51.8 930 4407941 Wet Bulb 63889 18.9 61685 7.8

GLOBAL CLIMATOLOGY BRANCH USAFETAJ AIR WEATHER SERVICE/MAC 1261U MACDILL AFB FL STATION

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PSYCHROMETRIC SUMMARY

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Temp.											SSION (TOTAL		TOTAL	
(F)	0	1 - 2	3-4	5.6	7-8	9 - 10	11 - 12				19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 231	D.8.₩.8.©		Wet Bulbil	Dew P
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58/ 871			• 1:		• 2		1.0				- 1						<u> </u>	25	25		
85/ 85		_	• 3;	• 1	1.2	2.7	1.7	1.4	•2			i	i		!		i	72	72		
34/ 83		- 1						1.4									-:	137	137	1;	
57/ 81	i	_ :			6.7				•6		• 1	:					į	186	136	4	
20/ 791	;		1.3						•4						! !		<u> </u>	199	109.	11	
76/ 77;	- 3		1.9						•5		1 1							196	146	53	-
76/ 75:	- 1		1.2						• 1						: :		 -	77	77:	132	
74/ 73		• 2!								!							}	42	42	230	į
72/ 71 70/ 69!	• 1.								•2	<u> </u>	! 	<u> </u>						23	23	158	15
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62/ 51; 6L/ 59	i		'							İ		i			['	,	i			17	_
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lement (X)		Σχ'	l i		E g		1	7,		No. Ol			:		Mean ?	lo. cí	Hours wid	Temperatus		:	
el. Hum.			8521		606	63		11.8	99		30	= 0 F		32 F			≈ 73 F	- 80 F	+ 93 F	1 7	erei
ry Bulb			542D		744			3.9			30		- -		92	_	89.5			· Zi	
fet Bulb		476	9340		664			9.1		9	30					•6	44.1			+-	
aw Point	· -		2873		622			5.9			30					•2	13.3		i		 ,

68-70,73-79

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY CAFETAC AIR WEATHER SERVICE/HAC <u>12</u>510 MACDILL AFE FL 63-70,73-79 STATION HAME 1260-1436 mours (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 - 31 D.B. W.B. Dry Bulb Wet Bulb Dew Poi 98/ 95 94/ 93 92/ 91 . 2 25 .1 i.g 0"/ 891 ·5' 1·3 1·4 1·8 70 70 .8 1.9 4.8 4.J 3.Z 28/ 87 1.9 152 152 ±6/ 85 1.2 5.5 4.3 4.9 2.8 196 196 34/ 83 .Z 3.Z 3.4 4.9 4.0 2.S 1.1 190 199 Z Y2/ 91 .2 1.6 2.4 2.3 3.1 3.3 1.1 130 130 où/ 79 .2 1.5 1.2 1.3 65 <u>•</u>¥ 7=/ 77 77 .9 76/ 75 -5 • 1! • 1 19 19 114 21 .5 14/ 73 12 219 12 72/ 71 8 157 133 133 72/ 69 . Ľ 128 56/ 57 78 66/ 65 29 199 54/ 63 25 96 52/ 61 19 65/ 59 S 67 58/ 57: 56/ 55 17 44/ 53 52/ 51 15 50/ 49 46/ 47 44/ 43 42/ 41 TOTAL 1.3 3.8 3.8 9.215.920.019.213.4 3.6 3.5 1.0 930 Element (X) 55.512.796 Rel. Hom. 3929408 930 267 F | +73 F | +80 F | +93 F 93

61268

65.9 6.272

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STACHLE PL

6592911 930 Dry Bulb 78207 84-1 4-177 92.9 91.4 82.7 4853529 72.1 3.975 935 55.7 47.9 1.3 93

CLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 12819 MACDILL AFB FL 68-70,73-79 STATION STATION HAME WET BULB TEMPERATURE DEPRESSION (F) (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 15 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 96/ 95 ~4/ 93 92/ 91 .4 • 1 98/ 89 2.0 1.7 38/ 87 3.7 2.7 3.8 1.8 1.4 5.3 3.7 4.3 86/ 85 2.6 2.2 .9 2.4 4.0 4.8 3.0 84/ 83 2.5 2.5 92/ 81 .1 1.6 2.8 3.7 2.7 837 • 4 .8 1.4 1.2 1.3 . 6 78/ 77 .9 1.5 . 6 . 8 . 4 76/ 75 • 6 . 4 • 4 • 2 . 5 74/ 73 • 1 . 3 121 . 1 .6 1.0 • 1 71/ 69 • 2 68/ 67 66/ 65 64/ 53 62/ 61

PSYCHROMETRIC SUMMARY

MAY

PAGE 1 1500-1700 TOTAL TOTAL • 1 19 19 68 68 165 165 183 183 181 181 138 138 12 60 δŪ 47 47 64 25 25 155 18 203 18 6 D 192 110 16 132 142 104 131 33 196 10 91 66 66 52 24 1.5 4.3 5.8 8.718.517.616.212.4 8.4 3.9 2.4 930 930 930 930

Element (X)	Σχ²	ZX	X	€ _R	No. Obs.			Mean No. o	Hours with	Temperatur	•	
Rel. Hum.	3083840	52038	56.0	13.509	930	10F	⊴ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Dry Bulb	6543943	77911	83.8	4.269	930			93.0	91.1	79.8	• 7	93
Wet Bulb	4825599	66903	71.9	3.695	930			86.6	43.8	• 5		93
Dew Point	4048362	61098	65.7	6.087	930			48.0	9.7	• 3		93
	, <u>, , , , , , , , , , , , , , , , , , </u>	*		83 ₉ -					***************************************			

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60/ 59

58/ 57

56/ 55

54/ 53 52/ 51 50/ 49 48/ 47 46/ 45 44/ 43 40/ 39

TOTAL

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 1.310 MACDILL AFB FL 63-70,73-79 € 1800-2000 PAGE 1 TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 94/ 93 9 / 89 88/ 87 18 18 . 1 46/ 85 1.1 1.4 ьg 63 84/ 83 1.9 1.9 1.8 1.0 77 77 82/ 81 .1 1.8 5.1 3.3 1.8 142 142 4.4 4.7 5.6 4.3 5.3 2.0 • 8 95/ 79 2 . 4 186 186 • 1 78/ 77 1.7 4.3 2.0 155 155 2.7 3.8 3.4 16/ 75 • 1 2.6 1.1 .2 132 132 71 .9 1.7 2.8 74/ 73 74 74 190 72/ 71 1.5 2.0 • 6 . 3 . 1 5 5 194 106 167 161 58/ 67 162 151 66/ 65 69 143 64/ 63 22 84 62/ 61 63 68/ 59 11 62 58/ 57 38 56/ 55 28 44/ 53 • 52/ 51 50/ 49 48/ 47 €. 46/ 45 44/ 43 TOTAL 3.810.317.822.818.312.4 8.5 3.8 1.5 930 (₹ õ တ Element (X) Mean No. of Hours with Temperature O 61177 267 F = 73 F | 280 F | 293 F Rel. Hum. 65.713.155 930 4175885 **±0**F ≤ 32 F 78.6 4.164 5756427 73065 930 92.0 84.7 40.8 93 13. Dry Bulb 4597218 65294 70.2 3.743 930 80.3 28.5 93 Wet Bulb 4036639 61051 65.6 5.575

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12816 STATION MACDILL AFS FL

68-70,73-79

MAY

YEARS PAGE 1

2100-2300 HOURS (L. S. T.)

Temp.			,							DEPRE							,	TOTAL		TOTAL	,
(F)	0	1 - 2	3 · 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14			19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Por
36/ 85							١.		• 1								İ	1	1		İ
F4/ 23			<u> </u>		• 1			• 1		<u> </u>				i				5	5	<u> </u>	<u> </u>
82/ 81 EG/ 79	- 1		, ,	1.0	f			1]								26	26		
			1.8		1	1				<u> </u>	ļ						 	81	81		
73/ 77		2	ľ	1				Į.	1	İ								151	151	•	l .
76/ 75 14/ 73		1.6			<u> </u>		• 6			<u> </u>				i l			ļ	215	215		<u> </u>
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		1.4		1.3						l	1							62	62		
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56/ 65 54/ 63	j			• ~			• 1	į		i	İ							5	5		
62/61			 		• 1	•1		 	 -	 				 			 			50	
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50/ 59 58/ 57					 	-	 		<u> </u>	├							ļ	ļ		17	
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44/ 43			 		 	 -			├─	 -				 	-					 	├─-
42/ 41			1		1	1	1	i		ì	}	1		1 1			}	}		1	
OTAL	- 2	7.8	28.2	20.4	35.4	13.2	4.7	1.0	• 1	-		 	 -		-				930	}	9
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Element (X)		ΣX,			Z _X	' 	┰	0,		No. O	<u>!</u> s. [·			Meen N	o. of H	ours with	h Tempero	ure •	<u></u>	
Rel. Hum.		524	5787	ļ	690	49	74.2				30	± 0 ∣	F	32 F	≥ 67		73 F	≥ 80 F	* 93	F	Total
Dry Bulb		519	1592		694		74.6			9	30				92	. 3	70.0	6.	4		
Wet Bulb			9525		640		68.9				30				71.	. 7	14.5				- î
Dew Point		403	9104		610	100	65.7	5.7	12		30				47		5.1	· · · · · · · · · · · · · · · · · · ·	$\overline{}$		

GLOBAL CLIMATOLOGY BRANCH LSAFETAC AIR MEATHER SERVICE/MAC

MACDILL AFB FL

12816

PSYCHROMETRIC SUMMARY

																		PASE	•	HOURS (L	<u>L L</u> L. S. T.
Temp.						WET	BUL B 1	EMPER	ATURF	OEPRE	SSION /	F)						TOTAL I		TOTAL	
(F)	0	1 - 2	3-4	5.6	7 - 8								23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B./W.B. D	rr Bulb		Dew F
96/ 95	<u> </u>					·		10 111	• 8)	•0			• 0					4	4		
94/ 93]						•1	• 0		•0	. 1]	1			14	14	1	i
92/ 91							• 0	•0		• 1	• 1			•0				4 &	46		
96/ 89				• 0		- 1	• 2				• 2	1						148	148	1	(
88/ 87		i -	• C		• 1	• 7	1.3	• 9	1.0	•5	• 3		.0					370	370		
86/ 85		1	. 1	. 1	• 6	1.8			• 3	• 6	• 1	•0	- 1					513	513	i	İ
54/ 83		• 0	• 0			1.6		1.2	• 9	• 3	• 1	• 1						591	591	3	
82/ 81		9.				1.9	1.4	1.1	• 4		• 1							644	644	12	
80/ 79		- 1	i 1				1.0	• 5	•2	• 2	• 9	• 0	- 1	l į				684	684	49	l
76/ 77	. 1						• 8											752	752		
75/ 75	• 1						- 1			1			į					863	863	631	
74/ 73	<u>•1</u>		4.3						• 1								ļ	981	981	1242	
72/ 71	• 2				1.2								ĺ					809	809		i
76/ 69	- 9				. 8							 	!					525	525		
68/ 67 66/ 65	• 0		1 2		• 6													274	274		
64/ 63		• 4	• 4		• 2										 -			126 54	126 54	587 395	
67/ 61		.0		• 3 • 2	• 1													25	25	213	
60/ 59		• 0	• 1		•0									_				10	10	126	
58/ 57		.0											i				i !	5	5	76	
56/ 55			•0												-			21		<u></u> 31	
.4/ 53																		1	٦	8	•
52/ 51		 																		-	
50/ 49]																	-	2	
48/ 47																					
46/ 45	_																				
44/ 43																					
42/ 41																					
40/ 39																			1		,
OTAL	• 5	10.6	21.4	17:3	14.5	12.3	8.8	6.5	4.2	2.4	1.0	• 4	•0	•0			ļ		744d		74
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Element (X) Rel. Hum.			9248		5192	04	69.8				40	± 0 F		32 F	meen No		73 F	Temperatu	× 93 F		Total
Dry Bulb		4461			5743		77.2				40	201		34 F	721		61.0			. 8	10101
Wet Bulb			6964		5197		69.9				40		+		599		17.7	2.6	+	-	
Dew Point			8147		4901			5.7			40				396		60.1	2.02			;

68-79,73-79

SAFETAC FORM 0.26-5 (OLA) REVISE REVINOUS EDITIONS OF

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12810	MAC	DIL	L AF	B FL						68-	70,7	3-79								JL	
STATION				57	ATION N	AME								Y	ARS					MONT	
																		PAGE	1	HOURS (L.	
Temp.							BULB 1											TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.8./W.8.	ory Bulb	Wet Bulb (ew Point
84/ 83	-		1.3	2.2	1.2	• 1								İ			İ	5	3 47		1
83/ 79		. 8		5.2						-				\vdash				136	136	6	1
78/ 77	• 4	3.9		8.4														282	282	32	20
76/ 75	• 7	4.6	11.4	5.4	1.7	• 6	,					1						219	219	152	53
74/ 73				3.6	• 7					<u>l</u>								152	152	251	147
72/ 71	• 4	1.6										li		T				47	47	246	209
71:/ 69		<u>• 2</u>	• 9	• 1			<u> </u>			<u> </u>				<u> </u>				11	11	160	222
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TOTAL	1.71	4 . 7	43.8	25.7	12.4	1.7	. 1			1								l i	900	1	900
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Element (X)		ξχ²			ξχ	-	<u> </u>	* 2		No. Ob	<u>. </u>			<u></u>	Mean !	le, of H	ours with	h Temperati	jre	i	
Rel. Hum.	-		1994		730	36	81.2		25		00	± 0 1	-	≤ 32 F	≥ 67		73 F	> 80 F	≥ 93 F	T	otal
Dry Bulb			2402	£	688	46	76.5	2.5	81		00				90		84.3			1	90
Wet Bulb			3139		650		72.3	2.5	47	_	១០				88	•5	44,1		1		90
Dew Point		445	2213		632	37	70.3	3.1	59	9	00				79	• 6	22.1				90

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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																		PAG		HOURS IL	- U 5 () . s. t.)
Temp.						WET	BULB	TEMPER	RATUR	E DEPRI	ESSION	F)						TOTAL		TOTAL	
(F)	0	1 - 2			7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	2 31	D.8./W.B.	ry Bulb	Wet Bulb	Dew Po
34/ 83			. 3															3	3		
82/ 81			1.1					<u> </u>		↓	<u> </u>	<u> </u>	<u> </u>					12	12		
BL/ 79			3.6		1.2		1	ĺ		i	ļ	İ				-	- 1	76	76	3	
78/ 77	- 8	3.0	8.9	7.2	2.4	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	↓	<u> </u>	<u> </u>			+		202	232	29	;
16/ 75		10.0					ł			1	1	l				İ		295	295		
74/ 73		9.4				 	₩-		<u> </u>	ļ	 		<u> </u>					205	205		14
72/ 71		4.0					1	i i	İ		İ	i						€ 3	83		2
75/ 69	• 1		1.0		 	!		<u> </u>	!		 	 -	<u> </u>					13	13		2
68/ 67		• 2	1.0						l					1 1		1	[11	11	- 1	10
66/ 65		 !	<u></u>		├	├	 		├	┼	 	 		 	+					22	
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OTAL	2 0	27.3	11 7 7	20.0		! 		├	 	+	!	 	 						930		9
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Element (X)						Mean No	. of Ko	urs with	Temperati	10											
Rel. Hum.			5657		756	33	84.0	7.4	36	- 9	00	- 0	F	≤ 32 F	≥ 67 F		73 F	≥ 80 F	× 93 f	7	otal
Dry Bulb		512	3977		678		75.4	2.5	12	9	00				90.	8	79.3	4.	7		
Wet Bulb			8587		647	81	72.0	2.5	23	ç	200				87.		38.5		Ī		
Dew Point		445	2369		632	43	70.3				00				81.		20.9				

68-70,73-79

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

																	T	-		L. S. T.)
Temp.		,		,			BULB .									1	TOTAL D.B./W.B.	<u> </u>	TOTAL	<u> </u>
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8		-	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	<u>23 - 24</u>	25 - 26	27 - 28 29	- 30 = 31				Dew Po
26/ 85			į _	- 6						İ					1	1	11			İ
×4/ 83			8.				<u> </u>										48			<u> </u>
82/ 81			2.7	2 1			į	l								i	86		•	
90/ 79		1.2		7.4													178			
76/ 77	• 1		10.Z				•1	!	İ	1		1		l i		1	215			_
76/ 75			9.4		• 8		<u>!</u>	<u>!</u>									193	<u> </u>		
74/ 73			5.9		• 1											- 1	114	r	i	4
72/ 71	. 3	2.0	2.1	- 1		<u> </u>	l				_						41			
70/ 69	• 1					i										1	10	15	116	
68/ 67		. 2	.1	(ļ		•		1] 3	3	26	
56/ 65		• 1								<u> </u>							1	1	. 6	1
64/ 63		1	•	į		İ		ĺ									1	ĺ	! 2	1
62/ 61			1			i														
63/ 59		1	İ			ļ		l	1	i										i !
OTAL	1.8	17.4	40.1	30.0	9.2	1.3	• 1	1		1						1		; y00)	91
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Element (X)		ZX'			ZX		<u> </u>			No. 01							ith Tempera		- 1	Time
Rel. Hum.			6991		737			7.7			00	2.0		± 32 F	≥ 67 F				<u>-</u> +-	Total
Dry Bulb			3571		696			3.2			00				89.					
Wet Bulb			0007	4	659			2.7		-	00				89.			- 6		
Dew Point		459	75234)	642	50	71.4	3.0	75	9	סט		- 1		84.	1 34.	3]	- 1	ŀ	

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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STATION		STATION HAME										YEARS											
																		PAGE	1	0900-	- 1 1		
Temp.						WET	BIII B 1	FMPED	ATURE	DEPRE	SSION	(F)						TOTAL		TOTAL			
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 2	4 25 - 26	27 - 28 2	9 - 30	≥ 31	D.3./W.B.	ry Bulb		Dew .		
92/ 911						• 1						\Box		ī			T	11	11				
92/ 87		_			• 2	i .!						<u></u>	!		<u> </u>		<u> </u>	38	38				
₹8/ 8;				• 1	2.1	5.3	4.2	1 • G		• 1							Ī	:16	116				
c6/ 8J					7.1		2.4	• 2	• 2			<u> </u>	<u> </u>					189	189				
84/ 83				6.0			9.					!					ì	222	222				
32/ 31				6.7											1		<u> </u>	150	160				
90/ 79		• 1		4 . 1					!	İ			i					86	86				
78/ 77				1.7		• 3	• 1			<u> </u>		↓ -	<u> </u>		! 		<u> </u>	4.8	4 5				
76/ 75	-	• 7									!	!	!	i			i !	12	12		1		
74/ 73	• 2	1.0								<u> </u>		! _	 		! <u>i</u>		 -	15	15				
72/ 71		- 2	- 1	•					!	í				-			i	3	3	-,	2		
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Element (V)		Z _X 2			Zx	لــــا	لــــا	-		No. Ot		<u> </u>			Mac- P		loure -'	h Temperatu					
Element (X)			5807		625	01	X - 11	9.1			80	± 0	<u> </u>	1 32 F	= 67 I		73 F	= 80 F	> 93 1	F T	otal		
Dry Bulb			2786		750			3.5			00	20	-	- 34 F	90		89.7				J.01		
Wet Bulb			4160		680			2.4			00		-+		90		79.9						
Dew Point			2346		649			3.0			80				86		44.5			 -			
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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0-26-5 (OL A)

PSYCHROMETRIC SUMMARY

1231 MACDILL AFB FL 68-70,73-79

STATION STATION NAME

PAGE 1 1200-1400

HOURS (L. S. T.)

WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. C 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 231 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 48/ 97 46/ 95 36 94/ 93 .3 1.3 3.7 3.8 1.3 1.2 36 • 7 -2/ 91 55 95 93/ 89: 1.7 6.3 7.7 1.9 17C 170 .1 2.2 8.2 9.6 3.0 1.3 68/ 87 225 225 46/ 85 .7 4.7 8.0 3.2 1.3 . 2 165 165 .3 1.3 3.3 2.7 1.9 d4/ 83 89 -2/ 81 .1 1.9 1.9 . 1 46 17 • 9 . 2 461 1 PE/ 79 1.0 1.2 1.0 . 2 - 2 33 33 87 75/ 77 • 3 13 287 33 76/ 75 . 6 • 1 293 94 • 3; 74/ 73 • 3 143 • 41 • 1! 72/ 71 57 214 76/ 69 15 175 68/ 67 89 56/ 65 64/ 63 52/ 61 11 60/ 59 55/ 57 1 1.2 3.0 6.013.322.022.716.7 8.6 4.2 1.7 TOTAL 930 900 900 900 Element (X) No. Obs. Mean No. of Hours with Temperature Rel. Hum. 3376570 54262 900 =67 F | +73 F | +80 F | +93 F 60.310.810 20F Total s 32 F 86.9 3.958 75.0 2.318 71.1 3.463 6804276 78174 900 90.0 89.9 Dry Bulb 85.4 5199278 900 Wet Bulb 68374 90.0 82.7 95 900 Dew Paint 4565447 64825

GLOBAL CLIMATOLOGY ERANCH PSYCHROMETRIC SUMMARY DSASETAC AIR MEATHER SERVICE/MAL STATION CACOILL AFB FL 68-70,73-79 STATION YOUR 1500-1700 HOURS (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb | Wet Bulb | Dew Point . 3 98/ 97. 3 96/ 95 34/ 931 1.4 1.2 31 31 .7. 1.0 2.6 3.6 92/ 91 1.1 83 83 93/ 89 .1 1.6 4.6 6.9 1.7 1.7 151 151 28/ 87 -5 1-0 7-0 6-3 2-4 187 137 .1 .4 3.6 7.6 3.7 1.3 -6/ 851 152 152 .1: 2.1: 5.2 3.1 1.4 54/ 83 .1 2.7 1.7 .7 .9 22/ 81 • 1 55 55 16 8c/ 79 78/ 77 • 9 34 .3 1.8 • 7 63 • 3 33 33 15 .1 1.4 1.7 256 76/ 73 399 21 37 . 6 . 7 • Z 21 74/ 73 • 1 13F 172 12 12 - 2 • 3 72/ 71 - 6 73/ 69 179 161 58/ 67 66/ 65 48 64/ 63: 52/ 61! 13 65/ 591 900 TOTAL .3 1.6 3.710.112.921.619.914.2 7.8 5.6 1.9 900 900 ១០ជ õ Element (X) No. Obs. Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hem. 3487149 55029 61.111.673 900 10F ± 32 F

900

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5135305

Dry Bulb

Wet Bulb

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PSYCHROMETRIC SUMMARY

1221.1 YACDILL AFB FL 58-79,73-79

STATION STATION NAME

PAGE 1 1800-2002
HOURS (1.5.7.1)

Temp. WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.S. Dry Bulb Wet Bulb Dew Point ~6/ 95 92/ 91 91.7 89 •3 1.4 22 22 38/ 87 2.3 1.2 . 1 .6 2.2 68 68 °6/ 85 ·2 ·6 3·3 6·0 ·1 2·9 7·6 5·4 4.0 1.1 137 • 3 137 547 83 1.8 160 32/ 81 .4 5.G 6.6 3.3 1.3 151 151 ≈u/ 79 2.1 6.4 4.1 2.2 14G 140 70/ 77 .6 2.2 4.7 2.2 92 92 88 76/ 75 .2 1.3 3.8 2.2 1.0 35 74/ 73 .3 1.5 2.1 35 288 159 72/ 71 . 1 . 3 144 227 75/ 69 220 68/ 67 119 66/ 65 62 64/ 63 30 82/ 61 aC/ 59 TOTAL ·9 3.211.421.225.219.810.7 4.6 1.9 900 900 900 Element (X) Mean No. of Hours with Temperature Rel. Lum. 4423232 62332 69.310.872 900 81.6 4.141 Dry Bulb 6011056 73458 900 90.0 89.3 63.3 Wet Bulb 4921146 66512 73.9 2.532 900 89.6 66.6

AIR WEATHER SERVICE/HAC 1281d

GLOBAL CLIMATOLOSY BRANCH USAFETAC

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PSYCHROMETRIC SUMMARY

Temp.						WET	BULB T	EMPER	ATURI	E DEPR	ESSION (F)					TOTAL		TOTAL	
(F)	0	1-2	3 - 4	5-6	7-8								23 - 24	25 - 26	27 - 28 29	- 30 = 31	D.B./W.B.	Dry Bulb		Dew Poi
58/ 87					i			• 1			Ī				1		1	1	!	
6/ 85	ł	ļ		1	. 7	. 7	-2	. 1			ļ					1	15	15	_ 1	
84/ 83			• 3	1.2	1.2	1.2	• 3	• 1		Ī	i						40	40		
2/ 81	1	1	1.8	4.4	3.4	2.1	.5			l	!					İ	111	111	<u> </u>	
24/ 79		• 4	5.8	11.2	5.9	2.7	• 3					i .				1	237	237	3	
78/ 77		2.1	7.3	9.1	4.9	_ • 6	•2			<u> </u>	<u> </u>			<u> </u>			215	218		
75/ 75				5.4		• 1		;		1	i				•		140		, .	6
74/ 73	- 1	2.7	6.0	2.7	• 3					<u> </u>				<u> </u>			186			13
72/ 71			1.4	• 3	• 2		1 1	;		!	1	;	l	1 1	, ;	•	, 26	26		
11/69	•_1	. 3	<u> </u>	• 2	:		<u> </u>	!		<u> </u>	:	1	·	, !	-		6			
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Element (X)		Z _X ,			Σχ	7	X		T	No. 0	bs.				Meen No.	of Hours w	ith Tempera	ture	·····	
Rel. Hum.			9999		697	69	77.5		14	- 1	00	⊴ 0 :	F	± 32 F	≥ 67 F	≥ 73 F	- 80 F	× 93	FT	Fetal
Dry Bulb			5419		701		77.9				900		i		90.1	96.	8 28.	7		_ 9
Wet Bulb			8755		654		72.7				900				89.			1		9
Dew Poice		445	1079		632	27	70.3				700		$\neg \vdash$		79.1	23.	ni ni	1		9

63-70,73-79

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12813 MACDILL AFE FL 68-70,73-79 げん YE ARS STATION STATION MAME HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL ŧ D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 98/ 97 96/ 95 04/ 931 1 67 67 42/ 91 . 9 1.0 198 . 1 198 90/ 89 • 5 1.6 2 . 2 381 381 € .7 2.2 88/ 37 1.0 3.1 597 . 4 547 F6/ 85 .5 2.4 3.9 1.7 • 1 559 569 .4 1.9 3.9 2.2 652 682 82/ 81 . 3 1.3 3.5 2.5 1.2 . 4 • 1 5681 568 45 .4 3.6 5.1 2.6 1.0 567 79 • C: . 1 920; 920 255 781 77 .2 1.8 5.7 5.1 2.3 1103 1103 1072 191 75/ 75 .3 3.3 5.7 3.3 967 957 1797 530 74/ 73 -2 2 . 8 4 . 3 1 . 4 548 1775 1440 548 72/ 71 -2 1-2 1-4 212, 212 1266 1792 73/ 69 • 3! 729, 1502 • 2 42 42, 68/ 67 - 1 17 17. 17 L 917 66/ 65 • C 5u 409 54/ 63 10 158 62/ 61 76 63/ 591 55/ 57 1.0 9.622.621.215.912.2 8.1 5.0 2.4 1.3 7298 7238 7200 a ತ £ 0.26.5 Elemeni (X) Mean No. of Hours with Temperature 39667399 526311 73.112.682 7200 Rel. Hom. ± 32 F 267 F 273 F 280 F 293 F Dry Bulb 47044506 580662 80.5 5.472 7200 719.9 692.8 376.4 720 39400377 532203 73.9 2.922 Wet Bulb 72C0 714.0 457.4 720

36192165

Dew Paint

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70.8 3.285

7200

650.3 229.2

SLIBAL CLIMATOLOGY BRANCH JEAFETAC 41R MEATHER SERVICE/MAC

12510

PSYCHROMETRIC SUMMARY

"ACDILL AFB FL STATION NAME 0000-0200 Hours (L. S. T.) PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-2-25-26 27-28 29-301 = 31 D.B./W.B. Dry Bulb Wer Bulb Dew Point (F) .3 .9 .5 .3 1.7 4.4 1.2 44/ 83 15 15 -2/ 81 5 7 79 1.7,11.3 7.1 1.7. .2 205 205 7-1 77 ·1: 7.417.4 4.0 3.1 300 300 56 16/ 75 .3 7.6 3.8 3.2 1.3 198 193 251 128 74/ 73 .3 7.3 3.9 1.6 119 119 318 279 72/ 71 .3 1.0 .6 15 ाङ 169 270 1/ 69 53 68/ 67 59 -6/ 65 43 24/ 63 12 TOTAL 1.125.144.121.2 7.6 .9 930 Element (X) No. Obs. •, Mean No. of Hours with Temperature 6542312 77692 83.5 7.377 930 267 F | 273 F : + 80 F | +93 F : 0 F 77.3 2.454 5563696 71896 930 Dry Bulb 93.0 91.2 18.5 83 Wet Bull 5049568 68496 73.7 2.256 93.0 930 66.9 93

63-70,73-79

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GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 68-70,73-79 STATION NAME 0300-0500 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp, (F) D.B./W.B. Dry Bulb Wet Bulb Daw Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 04/ 83 . 3 .1 1.7 2.0 52/ 81 86/ 79 1.4 7.8 3.4 . 8 125 125 78/ 77 8.616.6 2.8 2.3 282 282 16/ 75 .315.510.5 4.7 256 125 297 297 .2 9.2 4.9 2.8 74/ 73 153 153 326 301 72/ 71 .5 1.6 • 9 185 255 70/ 69 92 125 • 3 68/ 67 14 53 66/ 65 48 64/ 63 62/ 61 TOTAL 1.236.542.815.5 4.0 930 930 930 930 **(**% 8 g No. Obs. Mean No. of Hours with Temperature Element (X) Rel. Hum. 6863165 79633 6.916 930 ≥67 F | ≥73 F | ≥80 F | ≥93 F # 0 F ≤ 32 F Total 5439931 71097 2.244 930 Dry Bulb 93.0 89.8 8.1 5010402 68235 2.242 930 92.6 Wet Bulb 63.5 4810022 2.751 66834 87.4 44.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

MACDILL AFB FL. 68-70,73-79 PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 (F) 88/ 87 56/ 85 84/ 83 1.2 3.7 5 S 55 . 8 82/ 81 .8 5.7 6.0 124 86/ 79 78/ 77 .1 2.512.3 5.3 204 2C4 38 1.7 6 .2 9.112.٤ 246 6 1.6 246 164 .2 9.0 6.6 6 .3 5.1 2.2 1.7 10/ 75 6 . 2 173 173 311 213 74/ 73 85 241 303 72/ 71 76/ 69 .3 1.1 .3 16 16 116 191 78 45 68/ 67 12 50 56/ 65 64/ 63 58/ 57 TOTAL 1.227.541.122.9 5.8 1.2 930 930 930 930 ಠ Element (X) No. Obs. Mean No. of Hours with Temperature 267 F 273 F 280 F 293 F Rel. Hum. 6586116 77952 83.8 7.498 930 10F 78.2 3.005 74.6 2.467 Dry Bulk 5700411 72757 930 93.D 41.3 31.7 93 5179162 930 Wet Bulb 93

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MACDILL AFB FL

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PSYCHROMETRIC SUMMARY

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STATION HAME MOSTATE PAGE 1 0900-1100 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 D.B./W.B. Dry Bulb Wet Gulb Dew Point CH/ 93 92/ 91 93/ 89 .5 2.2 1.3 1.2 50 50 48/ 87 .2 3.6 9.5 1.6 144 144 86/ 85 5.312.6 8.7 1.1 267 267 94/ 83 3.1 9.6 8.6 2.6 227 227 • 5 22/ 81 3.4 7.1 1.7 120 120 24 89/ 79 1.1 1.8 1.9 57 • 9 57 192 21 78/ 77 . 9 1.8 • 4 • 1 3.0 30 383 118 16/ 75 · 5 • 2 10 10, 229 267 74/ 73 • 1 • 3 74 278 72/ 71 19 156 70/ 69 55 68/ 67 66/ 65 9 64/ 63 2 62/ 61 67/ 59 TOTAL 2.611.224.728.224.1 5.5 3.0 929 929 929 929 ã g zx, Element (X) X No. Obs. Mean No. of Hours with Temperature 65950 Rel. Hum. 4751392 71.D 8.659 929 267 F 273 F 280 F 293 F ± 0 F ± 32 F 84.4 3.115 77.6 2.072 6622622 78384 929 93.0 86.7 Dry Bulb 93.0 93 3509561 71517 929 93.0 90.3 Wet Bulb 93 5074154 68612 73.9 2.700 929 91.7 68.5 93

68-70,73-79

C (F) 76/ 95 94/ 93 92/ 91 91/ 89 88/ 87 26/ 85 34/ 83 22/ 81 80/ 79 7c/ 77 76/ 75 74/ 73 72/ 71 72/ 69 68/ 67 66/ 65 ٤4/ 63 62/ 61 TOTAL

GLRBAL CLIMATOLOGY BRANCH

MACDILL AFB FL

AIR WEATHER SERVICE/MAC

USANETAC

12812 STATION

PSYCHROMETRIC SUMMARY

PAGE 1 1200-1466 WET BULB TEMPERATURE DEPRESSION (F) 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dow Point .1 1.0 2.8 4.7 1.5 • 1 102 132 .3 4.712.5 5.5 225 225 ·4 3.310.0 9.7 2.0 250 ·2 1 · 8 5 · 7 6 · 3 1 · 7 · 6 157 .5 1.6 1.7 • 8 . 3 47 47 1.2 1.7 . 8 35 35 .4 1.3 1.3 .2 .5 .5 - 6 34 34 212 14 21 358 69 15 204 209 79 255 211 93 43 9 30 3.0 4.7 8.012.722.927.214.1 5.5 1.8 930 930 930 Element (X) Ne. Obs. Mean No. of Hours with Temperature ≥ 67 F | ≥ 73 F 3851573 63.510.522 930 4 80 F Rel. Hum. 59045 10F ± 32 F ≥ 93 F 7049624 80884 87.0 4.015 Dry Bulb 930 93.0 92.7 86.7 93 Wet Bulb 5524666 71648 77.0 2.283 930 93.0 88.9 9.7 Dew Point 4945255

68-70,73-79

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12812 MACDILL AFB FL STATION NAM

63-70,73-79

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PAGE 1

1500-1700 HOURS (L. S. T.)

Temp.							BULB							,,	,			TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16			21 - 22	23 - 24	25 · 26	27 - 28	29 - 3	0 = 31	D.B./W.B. D	ry Bulb	We+ Bulb	Dew Por
-6/ 05									- 3	•2		1						4	4		
4/ 93							• 1	• 6	1.1	. 4	• 1							22	22		<u> </u>
92/ 91						• 1	1		1.5	1								8 5	85		
45/ 89					• 3	2.8	7.8	4 • 8										161	101		ļ
×8/ 87				• 2		11.2	5.0	2.2	1.5									222	222		
86/ 85				• 9	4.9	6.8	1.1	• 6										133	133		
34/ 83			• 3				. 3			İ								7.2	72		
°2/ 81		• 1					• 2											8.0	80		
51/ 79		• 5				i			ļ	1		-	-	l i				5.0	ಾದ್ಗ		,
78/ 77		• 3			• 2				<u> </u>	<u>i</u>								27	27		
76/ 75	. 3	1.9			• 4													4 3	43		15
74/ 73		- 4																22	22		
72/ 71	• 1	• 4		• 3														8	8	5 3	20
70/ 69			• 1						Ĺ	_		!						1	1	14	
66/ 67												<u>,</u>								12	4
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54/ 63										!									Ì		1
62/ 61																					
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Element (X)		ΣX²			Σχ		X	* 2		No. OL								Temperatu			
Rel. Hum.			1328		608		65.5				30	201		32 F	≥ 67		≥ 73 F	≥ 80 F	≥ 93 1		Total
Dry Bulb			4166		795		85.5				30				93		92.1	81.1		• 6	9
Wet Bulb			4640		709		76.3				30				92	• 6	84.7	6.0			9
Dew Point		486	9097		672	27	72.3	3.1	90	9	30				87	. 1	49.6	• 1	1	T	9

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GLOBAL CLIMATOLOGY BRANCH USAFETAC

AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

PAGE 1

MACGILL AFB FL STATION HAME 68-7C,73-79

1800-2008 HOURS (C. S. T.)

Temp.								EMPER						,			,	TOTAL		TOTAL	
(F)	<u> </u>	1.2	3 - 4	5 - 6	7 - 8	9 - 10							23 - 24	25 - 26	27 - 28	<u> 29 - 30</u>	≥ 31	D.8./W.8.		Wer Bulbic	Dew Poi
92/ 91					, ,		• ri			• 2	• 1]]]]	10	1 년	1	
95/ 89						- 6					<u> </u>			!			1	19	19		
38/ 87						3.9				,	ļ) ;)	74	74	1	
56/ 85				• 9				1.0									<u> </u>	135	135		
54/ 83	ì	_		3.9		3 • 3				1		1 1			} {			168	168	l	
82/ 81					4.2			_•1		<u> </u>		 					<u> </u>	159	159	1	
35/ 79					2.5					}	ļ]		!	İ			112	112	50	
78/ 77				2.7						 	<u> </u>	 		<u> </u>			<u> </u>	93	90	204	3
76/ 75	• 2			2.3						1		1			, [1	99	99	268	12
74/ 73				1.4	• 1					ļ		!i						5.5	59	229	27
12/ 71	• 1	• 3	• 1							1	ļ)))			5	ş	121	22
76/ 69										 		<u> </u>		<u> </u>			<u> </u>	 		43	13
66/ 67	1		١							į								,	1	13	7
66/ 65										 	!	<u> </u>					<u> </u>				3
64/ 63										1	1	!!							į	i	1
62/ 61										<u> </u>		ļļ		1							
60/ 59									_	l _		1 1		1	! !						
OTAL	1.0	7.8	17.3	24.5	21.9	17.6	5.8	2.9	• 8	• 2	1	 					<u> </u>		930		93
											<u> </u>							930		930	
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 												<u> </u>									
lement (X)		ZX1			ZX		X	₹	\bot	No. Ol	ş.							Temperati			
el. Hum.			8021		681			10.8			30	≤ 0 1		≤ 32 F	z 47		73 F	≥ 80 F	≥ 93 F	T	otal
ry Bulb			6249		756			4.3			30				93	• 0	92.5		7		
fet Bulb			4473		695			2.5			30		$\Box \Box$		92	. 9	75.2	1.4	4		
ew Point		# 9 C	2213		667	40	71 0	3.0	76		30				87	~~	43.4				9

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP NEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12613 MACOILL AFB FL 68-70,73-79 JUL STATION NAME YEARS 2190-2300 PASE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 23 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point °6/ 85 •1 1•G 15 841 83 .2 2.0 1.9 u u 44 .1 4.5 6.1 3.C 1.111.010.8 2.8 154 52/ 81 • 1 . 8: 154 SL/ 79 1.0 248 248 78/ 77 3.712.0 5.2 2.7 113 220 220 28 16/ 75 .1 4.1 7.1 3.0 - 1 141 141 276 115 74/ 73 1.3 4.6 2.7 1.5 94 94 292 285 . 8 72/ 71 11 11 156 245 70/ 59 • 2 140 2 65 68/ 67 17 52 66/ 65 64/ 63 62/ 61 TOTAL 1.414.538.030.612.2 2.6 930 930 930

No. Obs. Meen He, of Hours with Temperature Rel. Hum. 6096659 74909 80.5 8.232 730 267 F = 73 F = 80 F = 93 F Ory Bulb 78.3 2.895 930 5716719 72865 93.0 91.7 35.4 7369 2.337 92.9 Wet Bulb 5086069 68741 930 69.1 87.5 42.5

POBM 0-26-5 (OLA) HYSTO REVIOUS EDITIONS OF I

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GLUBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12817	MACDILL AFB FL STATION NAME	68-70,73-79		JUL
3101101	JINIUM MAME	12	PK'E 1	ALL HOURS (L. S. T.
Temp.	WET BULB TEMPERA	TURE DEPRESSION (F)	TOTAL	TOTAL
(F)	0 1-2 3-4 5-6 7-8 9-10 11-12 13-14	- 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 -	28 29 - 30 = 31 D.B./W.B. Dry 8u	lb Wet Bulb Dew P
96/ 95	•0	•0 •1 •0	9	9
94/ 93	.0 .2	•3 •1 •d		2
92/ 91	.0 .2 .8 1.3	•4 •2 •0	213 21	
9 7 89	.1 1.3 2.8 1.5	•3 •1	455 45	
58/ 87	1 1.5 4.3 2.4 .7	•4	592 69	
≻6/ 85	.1 1.3 3.7 3.7 .7 .3	•1	731 73	
84/ 83	.8 3.2 3.1 1.1 .3 .1		531 63	
92/ 81 93/ 79	.2 2.8 5.1 1.8 .5 .1 .0		785 78 1035 103	
7:/ 77	• C 1 • 1 6 • 2 4 • 7 1 • 5 • • 4 • C • 1 • 4 • C • 8 • 4 2 • 4 1 • 4 • 1 • C		1216 121	
76/ 75!	-1 4.0 8.4 2.4 1.4 .1 .3			6 2048 13
74/ 73	.31 3.77 Z.11 1.21 .G		547 54	
72/ 71	•2 •7 •3 •1	- - - - - - - - - - 		0 850 17
73/ 69	d i		7,	7 344 8
63/ 67				93 4
66/ 65			,	12 2
64/ 651				1
62/ 61				1 :
65/ 59				
58/ 57				1
OTAL	.815.125.820.013.411.5 7.2 4.1	1.5 .5 .1	743	9 74
<u>i</u>			7439	7439
				<u> </u>
				
-				
Element (X)	ZX' ZX X -x	No. Obs. Mee	n No. of Hours with Temperature	
Rel. Hum.	43910576 564228 75.812.24			3 F Total
Dry Bulb	49093418 603100 81.1 5.10		4.0 734.3 411.1	6.1 7
Wet Bulb	41978541 558447 75.1 2.7		2.8 614.1 26.0	7
Dew Point	39085520 538760 72.4 2.99	1 7439 76	7.9 404.6 .9	7

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

12616 MACDILL AFB FL 66-70,73-79 AUG STATION STATION NAME MONTH PAGE 1 0000-62u0 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. | Dry Builb | Dew Point (F) 24/ 83 ·2 1 · 3 2 · 5 P2/ 81 ·5 10 · 1 5 · 8 2 · 0 87/ 79 177 177 78/ 77 6.018.6 7.8 3.2 331 331 .310.511.7 4.3 1.1 1.0 4.6 3.6 1.7 .1 16/ 75 260 260 291 85 74/ 73 234 192 102 7_/ 71 • 1 • 8 •4 •5 216 235 17 17 1:7 69 80 150 66/ 67 18 86 66/ 65 33 64/ 63 62/ 61 TATOT 1.422.945.722.7 6.8 .4 929 929 929 929 9 Element (X) No. Obs. Mean He. of Hours with Temperature Rel. Hum. 6517626 77520 83.4 7.267 929 267 F 273 F 280 F 293 F 30F ± 32 F 5505031 71485 76.9 2.172 929 93.0 Dry Bulb 91.2 11.4 93 73.3 2.187 71.6 2.755 4996923 92.4 68103 929 61.0 93 Wet Bulb 4765554 66488 929 88.2 41.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC A1- KEATHER SEPVICE/MAC 12810 MACDILL AFB FL

PSYCHROMETRIC SUMMARY

STATION				S1	TATION N	AME								YEA	RS				_	MON	TH
																		PAGE	1	3300-	-05
Temp.						WET	RULBI	TEMPER	ATUR	E DEPRE	SSION	(F)					-	TOTAL		TOTAL	. s. r
(F)	0	1 2	3.4	5.4	7.8								22 . 24 20	26/2	7 20 20	20		D.8./W.B.			Da S
52/ 81.		1-2	.5			7 - 10	111.12		13.10	117 - 18	17 - 20	21-22	23 - 24 2.	2012	7 - 20 27	- 30				*** 0015	-
-/ 79i				1.3		İ	•	1 ;		1	İ		l	- 1	1	i	i	11	11	-	
78/ 77		E 4	22 (5.4			:	-		+		++						£3	33		
	• 5	3.0	20.0	, 5 - 4	1.1		1 ,	, 1			i	! ;	1		i		•	310	317	22	
/6/ 75				6.9			•					!:					:	347	347	226	
74/ 73				1.6		5		, ;			į	!!		,	i	1	I	141	141	346	3
12/ 71	. 4	1.9	. 9	• 5	i	:	1			<u> </u>								<u> </u>	35	238	2
77 69		• 1	• 1	: '	•		1 '	. '			i	1	Ī		:		!	21	2	72	1
3/ 67	• 1	:	ŧ							1		1		!	ŧ	:	ì	1	1	18	
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68-70,73-79

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GLOBAL CLIPATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 1281 PACDILL AFR FL 68-79,73-79 AUG 3600-0800 PASE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F, 56/ 85 20 • 1 14/ 33 20 £2/ 81 4.0 4.0 .3 •1 2.514.5 5.4 1.3 4.0 4.0 77 77 223 57/ 79 223 72/ 77 .3 8.5 15.4 4.7 276 276 104 33 75/ 75 .61C.310.1 3.7 • 5 235 235 342 191 74/ 731 .3 4.6 2.5 1.C • 2 80 275 314 9 C -11 1-2 72/ 71: 14 142 204 7:1 69 46 116 59/ 67 t 50 46/ 65 15 64/ 65 52/ 51 1.527.346.820.9 3.3 930 935 930 230 a 9 Element (X) No. Obs. Mean No. of Hours with Temperature 6718054 78792 84.7 6.771 930 Rel. Hum. 10F =67 F = 73 F = 80 F | +93 F 1 32 F 5595118 72098 Dry Bulb 77.5 2.486 930 93.0 91.4 20.0 5118743 68965 74.2 2.220 930 73.2 Wet Bulb 92.7 93 4909346 67526 72.6 2.620 930 71.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

MACDILL AFB FL STATION HAME 12c11 STATION 68-79,73-79 PAGE 1

0903-1100 HOURS (L. S. T.)

Temp.						WET	BULB T	remper	RATURE	DEPR	SSION ((F)					TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5-6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22 2	3 - 24 25 -	26 27 - 2	8 29 - 3	30 ≥ 31	D.B./W.B.	Dry Bulb 1	fet Bulb D	ew Point
91/ 89					• 1	2.0	1.4	• 3		1		1 1				1	36	36	•	
F8/ 87	_ !	i		• 2	3.4	8.3	2.5	• 2	<u> </u>	l	i		i	!	1		138			
86/ 85			• 5'	3.3	11.6	7.3	1.7	• 1	i	Ī	i		f				233	233	•	
34/ 83	a a	ĺ	1.51	2.8	9.3	2.6		İ	ļ		ļ		1		i i	i	238	2 2 5		
82/ 81		. 4	4.5	8 . 5	3.2	•6	• 1		• :	y	1			Ī	i		163	153	14	
AG/ 79	*		3.7				i	•	•	i	j	!!	ĺ	İ	!	i	52	52	152	15
78/ 77	,	- 4	1.5	1.0	• 1		i —		;	i	ī						28	28	382	8.9
76/ 75			1 - 1	:			1	į		Ī	Į.	1		1	1	:	17	17	230	29"
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72/ 71	•	. 3	• 13	i	,		:		i	•	:	: 1	1	,	ĺ		او ،		26	154
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Element (X)		χ²			z x		X	•,		. No. 0	9.				No. of		h Temperet	vre		
Rel. Hum.		4908			671		72.2	8.1	61		31	±0F	1 32		7 F	≥ 73 F		+ 93 F	T.	etel
Dry Bulb		6520			778		83.7	3.2	73		36			9	3.0	92.4	83.	9		93
Wet Bulb		5472			713		76.7				30			9	2 • 8	89.3	5.	4		9 3
Dew Paint		5059			685		73.7				39				2.1	67.3	•			93

GLOBAL CLIMATGLOGY BRANCH JSAFETAC **PSYCHROMETRIC SUMMARY** AIP MEATHER SERVICE/HAC 12810 MACDILL AFB FL 68-70,73-79 STATION STATION NAME YEAPS PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 231 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 94/ 93 .6 3.8 6.6 2.3 8! 92/ 91 175 125 93/ 89 .3 4.311.1 9.5 1.5 - 6 254 254 58/ 87 2-410-410-5 3.3 • 1 251 251 .2 1.5 3.2 4.4 2.7 .2 2.3 2.5 .4 .1 36/ 85 .2 1.5 116 116 e4/ 85 82/ 811 •4 1.3 1.2 29 29. 19 85/ 79: 1.2 1.2 1.6 31 192 701 77 .6 1.2 • 5 23 23 339 51 70/ 75 1.1 1.2 26 26 223 160 '4/ 73: • 1 • 3 • 2, 6 6 122 259 72/ 71; • 2; • 4. sq 224 71/69 • 2! 2 2 11 134 61/ 67 72 e6/ 65 31 04/ 63 : 2/ 61 1 € TETAL 2.3 5.2 7.510.620.428.220.4 4.2 1.2 937 930 930 \$ ತ 0.26.5 Element (X) No. Obs. Mean No. of Hours with Temperature Rei. Hum. 3727680 58110 62.510.205 930 10F 1 32 F ≥ 67 F = 73 F - 80 F + 93 F 7041626 Dry Bulb 80830 86.5 4.198 930 93.0 92.2 85.6 Wet Bull 5478363 71347 76.7 2.278 930 93.0 89.5 6 . 8 Dew Paint 4874361 72.3 2.838 930 47.5

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY JSAFET4C AIR WEATHER SEPVICE/MAC 12-1-MACGILL AFS FL 58-70,73-79 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dem Point 1 - 2 3 - 4 5 - 6 7 - 2 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 27 - 30 31 44/ 93 .1 . . . 1.2 20 23 92/ 91 .3 3.5 4.4 2.6 116 90/ 89 2.3 5.2 7.2 2.5 167 •5 . 1 167 1.9 5.6 5.6 1.9 157 157 56/ 85 .9 5.1: 4.5 1.2 .4 113 113 <u>-4/</u> 33 .3 2.3 5.11 1.9 1.1 99 90 52/ 81 .9 3.4 2.6 1.1 77. ?7 12 1 79 .Z 1.8 2.Z .5 130 52 75/ 77 .5 3.1 1.5 1.0 57 283 37 57 76/ 75 1.0 1.5 .5 33 33 240 74/ 73 1.5 .9 .4 39 30 165 12/ 71 75/ 69 125 6c/ 67 93 56/ 65 4 C 64/ 6 11 62/ 61 3 697 59 TOTAL .1 4.1 3.611.317.017.516.714.5 7.2 2.7 930 930

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Mean No. of Hours with Temperature

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+67 F | +73 F | +80 F | +93 5 |

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Element (X)

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PSYCHROMETRIC SUMMARY

FETAC

- MEATHER SERVICE/MAC

12819 MACDILL AFB FL

68-70,73-79

PAGE 1

1800-2000 HOURS (L. S. T.)

Temp.										DEPRE								TOTAL		TOTAL	
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82/ 87			-		• 3	ι	t .	(3				į				51	61		
36/ 85			<u> </u>	<u>•3</u>						<u> </u>								96	96		
84/ 83			• 2						2	Ì				i				145	145		
82/ 81				7.2					<u> </u>	<u> </u>	<u> </u>						_	157	157		
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78/ 77				3.7					<u> </u>	<u> </u>								135	1 3 5		
76/ 75		2.7		1.9		ι	1							l			i i	8 3	83		
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Rel. Hum.			4154		690		74.5				27	± 0 F	1	32 F	≥ 67		= 73 F	≥ 80 F	≥ 93	<u>- - </u>	Total
Dry Bulb			2257		748		80.7	4 . 5	189		27					بنه	92.2	57.	6		9
Wat Bulb			7299		65.		74.5	2.4	152		27					≥9	74.3	•	3		5
Dew Point		476	5155	K	664	105	11.6	2.	90		727		- T -		26	• 8	41.1		1		5

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIF WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

281.	<u> </u>	COIL	L AF	BFL	TATION N	AME				68-	70,7	3-79		YE	ARS					A com	UG HTH
																		PAGE	1	2100	-23
Temp.						WET	BULB T	EMPE	RATUR	DEPRE	SSION	(F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	e 31	D.B./W.B.	ry Buib	Wet Bulb	Dew P
28/ 27				!	1			• 1		1		1 1			1			1	1		
86/ 85				<u> </u>	• 2					 							ļ	5	6		
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52/ 81				8.3		1.4			<u> </u>					 	∤		 	130	130		
89/ 79						1.3				1		, 1						232	232		
76/ 77		3.3	7 0	0.4	2.7	1 .1			 	┼	 -	 					 -	244	244		
74/ 73	. 2			1.5			1			1	ļ			!!	1		1	.9	39		
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Rel. Hum,			5124		746	50	80.6				26	± 0 F	: 1	1 32 F	##On 1		= 73 F	> 80 F	2 93	F	Total
Dry Bulb			3375		723		78.1				26		- -	- 34 1	93		91.5				
Wet Bulb			8690		682		73.7				26		\dashv		9?	-	66.0				
Dew Point			4105		662		71.6				25				87		41.6				

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 68-70,73-79 STATION NAME PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 04/ 93 28 • 1 92/ 91 1.4 246 • 6 . 2 246 2 •5 90/ 89 1 - 1 2.3 2.3 475 475 2.5 98/ 87 1.0 3.6 606 • 8 606 F1/ 85 .8 3.D 2.5 567 567 1 .3 3.4 2.9 £4/ 83 1.C 600 500 52/ 81 .1 2.0 4.5 1.8 • 1 684 684 • 7 8 6.8 4.0 86/ 79 1.6 1017 1017 521 78/ 77 • 1 3.31G.3 3.8 1.3 1404 1404 1428 260 76/ 75 5.9 6.2 2.7 1165 1165 2123 1181 14/ 73 3.5 2.1 524 524 1835 2275 72/ 71 . 0 • 8 192 102 1008 1790 70/ 69 •1 • O; 13 360 1007 68/ 67 573 86 66/ 65 23 224 54/ 63 72 62/ 61 22 50/ 59 54/ 53 ·914·528·120·412·6 9·5 7·9 4·9 1·5 TOTAL 7932 7432 7432 7432 õ 0.25-5 No. Obs. Mean No. of Hours with Temperature 44169755 565517 76.112.377 7432 267 F 273 F 280 F 253 F Ral. Hum. 10F 48547079 599431 7432 80.7 5.184 744.0 732.4 369.4 744 Dry Bulb Wet Bulb 41570368 555476 74.7 2.682 7432 741.6 596.0 17.8 744 72.1 2.907 38699953 535865 7432 711.8 374.4

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GLOEAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1281U STATION MACDILL AFB FL SEP MONTH 67-70,73-78 PAGE 1 0000-0290

7						WET	9111 11 3	EMPER/	71105	05005	CCION (E\			 ,			I === I		HOURS (1	
Temp. (F)	0	1 - 2	3 - 4					13 - 14						T	T	i	1	TOTAL D.B./W.B.		TOTAL	
84/ 83	-	1 - 2	3 . 4	3.0				13 - 14	15 - 10	17 - 18	19 - 70	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	531	D.03 W.B.	Dry Bulb	Wet Build	Dew Point
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74/ 73		6.5													İ			299	299		
72/ 71	• 2	0.5	2.9	3.5			<u> </u>								ļ.——	<u> </u>	 	172			
70/ 69	• 3							ĺ										38	38		
68/ 67		• 2			-											<u> </u>	 	6	6		
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TOTAL	1.9	26.4	46.8	22.2	3.0	• 3	• 2									<u> </u>	<u> </u>		899		899
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Element (X)		Z _X 2			× X	Т.	X	Ø _Z	7	No. Ob	. 			<u></u>	Mean I	to. of H	ours wit	h Temperat	ure		
Rel. Hum.		639	4011		755	73		6.78	54		99	≤ 0 !		32 F	≥ 67		73 F	≥ 80 F	× 93 1	: -	Total
Dry Bulb		520	7061		683			2.5			99					_	84.7			1	97
												_				- V	~		*1		
Wet Bulb		474	6296		652	84	72.6	2.46	59	8	99		1		82	. 8	49.9	1	1	į	90

Element (X)	Σχ²	X X	ऱ	₽ z	No. Obs.			Mean No. o	Hours with	Temperatur	•	
Rel. Hum.	6394011	75573	84.1	6.764	899	± 0 F	± 32 F	≥ 67 F	≥ 73 F	≥ 80 F	₹ 93 F	Total
Dry Bulb	5207061	68381	76.1	2.535	899			89.6	84.7	8.7		99
Wet Bulb	4746296	65284	72.6	2.469	899			88.8	49.9			9.0
Dew Point	4530651	63767	70.9	2.908	899			84.4	26.4			93

GLOPAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR MEATHER SERVICE/MAC 12813 MACDILL AFB FL 67-70,73-78 SEP STATION NAME STATION 1 0300-0500 HOURS (L. S. T. TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dr. Bulb Wet Bulb Dew Poin (F) -2/ 81 60/ 79 3.1 78/ 77 6.211.1 3.2 194 194 289 289 75/ 75 .414.315.1 2.1 . 1 146 69 1.012.711.3 1.4 .7 2.7 5.3 .8 73 193 74/ 238 238 297 72/ 71 87 254 10/ 69 . 9 108 185 14 • 4 . 1 5F1 67 06/ 65 1.3 46 54/ 63 62/ 61 **£** 65/ 59 58/ 57 5c/ 55 52/ 51 2.537.647.411.7 TOTAL 900 930 900 900 õ Mean No. of Hours with Temperature Element (X) 77975 ≥67 F | ≥73 F | ≥80 F | ≥93 F Rel. Hum. 6791081 900 86.5 5.276 ≤ 0 F Dry Bulb 5082305 67597 75,1 2.415 900 89.5 78.8 72.3 2.563 65085 90 4712621 900 46.7 Wet Builb 87.8 63616

GLCBAL CLIMATOLOGY BRANCH USAFETAC Alr Weather Service/Mac

PSYCHROMETRIC SUMMARY

MACDILL AFB FL STATION NAME 67-70,73-78 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) •2 •2 •6 •3 1•2 2•9 84/ 83 20/ 79 2.1 7.4 4.0 125 125 .3 6.713.7 2.9 781 77 215 215 -311-711-4 2-3 76/ 75 . 1 234 234 217 95 14/ 73 .711.2 8.3 1.3 194 194 276 72/ 71 .4 3.0 2.2 52 52 199 260 73/ 69 .1 1.4 20 91 154 . 4 68/ 67 • 1 6 27 64 6 66/ 65 3 C 64/ 63 . 1 15 52/ 61 EB/ 59 58/ 57 54/ 53 TOTAL 1.935.746.414.9 1.0 ១០៨ 900 900 900 Element (X) No. Obs Mean No. of Hours with Temperature 900 Rel. Hum. 6710327 4 0 F ≥67 F = 73 F = 80 F = 93 F 77503 86.1 6.346 5202196 Dry Bulb 68374 76.0 2.936 900 89.5 81.7 10.6 92 Wet Bulb 4807573 65729 73.0 2.837 900 87.7 56 . D 90 4619718 71.6 3.208 900 Dew Point 64416 90 84.3 36.5

FORM 0.26-5 (OL.A) REVISED REVIOUS EDITIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAC

1261-9 MACDILL AFB FL
STATION

PSYCHROMETRIC SUMMARY

1261:2 MACDILL AFB FL 67-70,73-78 SEP

STATION STATION NAME YEARS

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
37/ 89					. 4			• 1	Γ		i							13	13		
88/ 87				.1	1.2	5.3	2.1		.2							_	l	81	13	i'	l
76/ 85			• 7	2.3	8.8			• 1	• 1									187	137		
94/ 83		• 1	1.2	8.2	9.3	2.2	. 9	• 1	'	l i		1 1			l		1	199	199	4 !	Į
52/ 81			5.1														1	180	180	15	1
30/ 79		1.1	4.2		2.4	- 3									•			136	136	72	11
75/ 77		• 6	3.0	2.0	1.2							-						61	61	308	59
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Rel. Hum.			3963		654	75		8.2			00	± 0 l		32 F	≥ 67		73 F	≥ 80 F	* 93	F	Total
Dry Bulb			6725		742		82.5	3.4	35		00		7		90		89-2			\neg	90
Wet Bulb		517	1570		651	82	75.5	2.6	3?	9	00				89	• 0	82.7	3.	2		92
			8782		655	ᅐ	33.	3.1			00				86		53.7		6		90

PSYCHROMETRIC SUMMARY

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lement (X)		ZX2			ξX		X	7,		No. O	18.			Me	en No.	of Hours	with Tempe	rature			
Rel. Hum.		349	2513		554		61.6			9	0.0	10F	s 32	F	≥ 67 F	= 73 1	> 80	F	≥ 93 F		Total
Dry Bulb		672	7893		777	45	86.4	3.6	57	9	00				90.0	89	6 85	. 1		3	
Vet Bulb			5154		684		76.0				00				89.6			1.4			
Dew Point		460	2458		642	92	71.4	3.2	89	9	00				84.1	7	. 51	-1			

67-70,73-78

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AJP WEATHER SERVICE/MAC 12310 MACDILL AFB FL 67-70,73-78 SEP STATION NAME ŧ 1500-1700 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 94/ 951 • 1 • 2 • 1 92/ 91 .4 2.7 3.0 • 2 61 90/ 89 .2 1.2 3.8 6.2 1.4 125 . 1 125 1 48/ 87 •1 1•3 5•7 7<u>•7 4•4 1•3</u> 187 187 66/ 65 .8 3.4 8.8 3.7 1.7 169 169 .2 2.3 4.3 3.3 1.4 -4/ 83 111 111 67 67 52/ 81 .1; .6 1.9 3.3 1.3 . 2 c 5/ 79 .2 2 . C 2 . 3 1 . 3 . 8 63 60 75/ 77 .8 3.9 .9 60 60 227 13 76/ 751 1.8 1.4 • 3 32 32 293 89 74/ 73 . 8 • 3 • 2 215 13 13 183 72/ 71 . 4 7:3 240 70/ 69 190 69/ 67 95 66/ 65 40 14/ 63 27 62/ 61 12 60/ 59 55/ 57 54/ 53 3.7 8.9 9.114.821.617.215.6 6.6 2.0 TOTAL 900 900 900 900 € ₫ Element (X) No. Obs. Mean No. of Hours with Temperature 3820328 57606 64.012.170 900 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F = 0 F Total Rel. Hum. ± 32 F 6495386 90 76344 84.8 4.643 900 89.9 89.3 75.3 Dry Bulb 89.7 5101676 67724 75.2 2.478 900 79.7 90 Wet Bulb 1.8 4534465 63811 70.9 900 29.1 • 1; Dew Point 81.6

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| Temp. | WET BULB TEMPERATURE DEPRESSION (F) | TOTAL | TOTAL | TOTAL | (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | x31 | D.B./W.B. | Dry Bulb | Wer Bulb | Dew Point | 5-7 | 8-7 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1-1 | 1

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Rel. Hom.		509	0255		670	29	74.5	10.4	49	5	00	±0F	3	32 F	2 67	F	= 73 F	≥ 80 F	≥ 93 F		Total
Dry Bulb		573	6112		717	72	79.7	3.7	34	9	00				89	.7	87.8	49.	9		90
Wet Bulb			3168		662		73.6			5	00		\Box		89	•2	64.2		2	1	90
Le - Point			0241		636		70.7				00		_			.7	26.1				90

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY! US AFETAC ATR WEATHER SERVICE/MAC 12010 MACDILL AFE FL 67-70,73-78 STATION STATION HAME 2100-2300 1 PAGE 1 HOURS (L. S. T.) TOTAL WET BULB (SMPERATURE DEPRESSION (F) TOTAL 3 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb Wet Bule Dew Point (F) 46/ 85 34/ 83 35 82/ 8: 85 1.3 5.0 8.4 17d 23/ 79 3.3 17C 75/ 77 254 31 4.012.3 9.6 2.6 33 • 1 254 .1 7.3 9.7 7.2 227 194 76/ 75 227 4.8 3.6 74/ - 3 3.3 105 105 314 197 72/ 71 <u> 215</u> 27 27 <u> 260</u> 92 75/ 69 186 - 1 65/ 67 2 34 113 40 56/ 65 • 3, 24 64/ 63 52/ 51: 66/ 59: 54/ 53 .213.433.433.611.2 2.8 900 JATOT 960 900 90**G** æ € 0 Hean No. of Hours with Temperature Element ,X) Rel. Hum. 5903711 72535 30.6 8.018 900 *73 F *80 F = 93 F 5375388 69510 77.2 2.778 900 7.95 86 . ? 19.0 Dry Bulb 72.9 2.524 4787240 65600 900 54.8 90 88.9 Wet Bulb 4515844 63690 900 26.9

PSYCHROMETRIC SUMMARY

STATION	PACDIL			ATION H	ME				<u></u>	70,7			YEAR				—		EP NTH
																PAS	E 1		LL s. T.)
Temp.	······································				WET	BULS T	FMPER	ATURE	DEFRE!	SION (F	,					TOTAL		TOTAL	
(F)	0 1-2	3 - 4	5-6	7 - 8								3 - 24 25	- 26 27	- 28 29 -	30 + 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po-
94/ 93,							• 0		• 1	• 0		:	_;_			11	11		
42/ 91					• 0	• z	• 8	. 6	1	• g						: 122	122		<u> </u>
95/ 89		!	į	• 1		1.6			•	• 9	;		÷	:	-	355			,
38/ 87		•0	• 1		2.4			- 4		<u>•0</u>				<u> </u>		535	535		
96/ 85	فد	• 1	. 5							ì	i	;	,	1	,	579		1	
64/ 83	.0				1.7	- <u>• 5</u>	•2	•0	!		<u>:</u> _	<u>-</u> -		<u> </u>		578	578 525	38	
86/ 79		4.0	- 1	:	- ;	.a	• ન્	į		,	·	:				. 688	888		t
78/ 77	·1 3·3				• <u>•</u>	• <u>a</u>			 ;		ī			-:-			$\frac{333}{1174}$		
76/ 75	.2 6.4				٠,	• 1	;		:				٠	*			1222		-
74/ 73	.3 5.0		1.4				i			,				$\overline{}$		790		2056	
72/ 71,	-2 1.0	1.7	• 3	• 1	• 0		:				;	•			!	233	233	1234	207
1./ 59	•0 •1	• 12	• 1	• 0		- ;	-	;					1			46	46	498	139
68/ 67			- 1				;					:				22	2Z		
€6/ 65	• 1	,	• 1			į	‡ !	į		•	I		i	i	•	9	19		
64/ 63			•9				!				; -					2	z		
62/ 61)	!			:			i		•	,	1	:	!			<u>'</u> i		5	ŧ
50/ 59 50/ 571										 ÷	i-				- 	: :		$-\frac{12}{7}$	
50/ 55!			;	1	•		i		•						1			7	
54/ 531											-+			:-		 			
52/ 51	!	:		į		1		i	i		,		,		į	i .			
OTAL	.717.0	27.81	2.3	12.0	9.7	5.7	4.7	1.5	-4	• 1	- 	ŧ	T			,	7199		719
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Element (X)	ZX,			ž X		X	₹		No. Obs							h Tamperet			
Rel. Hum.	4302			5491			12.6		71		± 0 F	2 3		≥67 F		≥ 80 F	· 93 1		Total
Dry Bulb		3066		5739 5733			5.2		71							325		-1	7
Wet Bulb Dew Paint	3662	5298		<u>5322</u> 5129		71.3	3.2		71			-+			518.				72
MEN LOID!	3002	<u> </u>		<u> </u>	<u>~ / i</u>	• • • -	302	-9	- 11	77				667.4	257.	1.	<u>-1</u>		

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GLOBAL CLIMATOLOGY SRANCH DSAFETAC AIR WEATHER SERVICE/MAC PSYCHROMETRIC SUMMARY

Temp.						WET	BULB	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5-6 1	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 3	0 = 31	D.B./W.S.	Dry Bulb 1	let Bulb C	ew Point
92/ 81				• 1								[]					Ţ	1	ų	7	
1 627 79		• 2	• 4)	- 3	į		į į						ļ					9	9	:	
75/ 77		• 2	1.7	. 4			-			:			- 1					22	22	5	1
16/ 75	- 1	3.8	5.8	2.8	• 2				i				i				1	118	118	13	7
14/ 75	• 1	4 . 7	9.1	6.0	• 6	• 3	5					1					1	195	195	72	25
72/ 71	. 5	3.2	9.7	3.3	1.2	. 1	l <u>i</u>					(i	į	!		i	168	168	120	93
70/ 59	.3	2.4	7.0	2.7	1.9	. 4	4								,		;	137	137	167	111
65/ 67	:	9	4.3	1.9	1.5		i) •	_	1 :			1		:		1	1 80	ād	137	145
56/ 65		• 9,	2.2	2.5	1.5					;					:		!	53	63	107	114
64/ 63	:	1.1	7.4	1.5	. 9	• 1	ij		:	;	,	1			i			, 53	53	74	151
82/ 61	;	• 5	1.2	• 5	• 3		1										-	. 24	24	67	52
63/ 59		• 1	- 9	• 3	. 4		1		!	:		. !	!		i		ĺ	, 15	15	67,	65
58/ 57		• 3	1.0	• 6	• 1		ī					; 1					1	19	19	43	54
56/ 55		_ ;	• 5	. 6	. 1					1 :					;			. 12 ^t		B.	5 4
54/ 53		• 1	• 63	• 1	2					1			i		1		1	10	10	18	28
1:2/ 51			- 3	. 1			į			[. 1	!				•	4	<u> 19</u>	13	25
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45/ 47		i		1	į		ļ ļ			l i	1									_ 6	13
46/ 45		!					i								ī		ī	;		1!	9
44/ 43	ì	. !	i	1	1		1						í				İ	,	ì	:	6
42/ 41			 ;				1			 							Ţ <u> </u>		;		3
40/ 39	1	_ 1			1		Ì						i	_				i ;			tį
TOTAL	1.1	13.4	47.9	23.9	8.7	1.0	1			[-7					1		1	!	930		930
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	1	1		1						1		i	1	1	1		<u> </u>	<u> </u>			
Element (X)		ZX3			x		X	T _g		No. Ob								h Temperat	·		
Rel. Hum.			9921		746		80.3				30	20F	1 3	32 F	2 67		≈ 73 F	≥ 80 F	* 93 F	1 7	etal
Dry Bulb			3708		650		69.9				30				73		34.5		9	1	93
Wat Bulb			2013		613		66.0				30				51		9.0		1	4	93
Dew Pains		380	1976		591	14	63.6	6.5	20	9	30		_1_		38	٠2	3 • 3			1	93

GLOSAL CLIMATOLOGY BRANCH JSAFETAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

2613	MACDILL AFB				67-79,7	3-76		AIFS				GC Monte	
STATION		STATION NAME					••	~,		PASE	1 .	C300-	051
Temp.			ET BULB 7	EMPERATUR	E DEPRESSION	F)				TOTAL 1		TOTAL	
(F)	0 1-2 3-4	5-6 7-8 9-	10 11 - 12	13 - 14 15 - 1	6 17 - 18 19 - 20	21 - 22 23 -	24 25 - 26	27 - 28:29 -	32 = 31	D.B.₩.B.\D	y Bulb 1	fer Bulb D	e- Pe
£0/ 79	.5	• 1							1	5	5		
70/ 77	5: .4			ı	<u> </u>	i .				5	9	2	
76/ 75	·1, 4.7, 3.4	1.4			•					87	87	13	
74/ 73	.5 5.4 5.3	3.5			·					137	137	73	3
72/ 71	1.1 4.4 9.7	2.3 .4			· ·		•			155	166	93	5
7.1 65	.1: 5.4 7.6	3.3 .3	. 4				4			160	150	133	7
55/ 67	1.9 5.1	1.7 1.3	• 1i		•	•	•		•	. 0 1	91	155	13
-6/ 6S	2.7 2.5		• 1			·				79:	79	يوي	12
59/ 53	1.5 1.5	1.T 1.0	• Z		. ,				•	51	51	99	5
52/ 61	1.2 2.3	-9 •Z	- 1							43	43	50_	7
- / 59	1 1.1 1.7	4	· 2 :		•			,	•	36,	36	58	:
55/ 57	•1: •9 •8		. 4							28	28	53	
557 55	.2 .6		.3		, i					14	14	23	5
74/ 53	•11 •4	•5 •3								13	13	20	
527 511	, 8	• 1		,	÷	*				8	S	14	7
24/ 49.	•2									2	<u>Z</u>	15_	
45/ 47	, ,	•	•	: 1	1			•				13	
46/ 45				1	 -	<u> </u>							:
24/ 43	•		·		·				ŧ		ŧ		1
42/ 41		<u> </u>			-! -	 		-	-	 -			
RE/ 39								•	•				
38/ 37			;	<u> </u>			 -						
36/ 35	1 1	! !	;	!		! !	•		1				
34/ 331						 .	- 		\div	-	930		9.
OTAL	2.030.143.01	8.1 4.8 1	. S	i	1 1	! :			!		73 u	070	9.
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Element (X)	Zx'	Z _X	÷		No. Obe.	: <u>!</u>		Hem No. a	Maura wid	Temperatur	<u>-</u>	<u>_</u>	
Rel. Hum.	6379812	76511	82.3	 	930	± 0 F	± 32 F	267 F			•93 F	7.	eral
Dry Bulb	4402242	63772		5.613	930			65.6	23.9			 	
Wer Bulb	3982715	60573	65-1		930			97.4	8.9			1	
Dew Point	3733751	58495	52.9		936			35.2	3.8		 	-	

GLGBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC MACDILL AFB FL 67-70,73-78 STATION STATION NAME PAGE 1 0600-0800 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL D.B./W.B. Dry Bulb Wet Bulb Daw Point (F) 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 8J/ 79 .1 1.0 13 13 78/ 77 2 . 4 31 31 4.5 4.0 1.9 75/ 75 101 101 74/ 73 5.5 5.4 2.9 136 136 86 57 72/ 71 3.9 8.9 3.2 162 162 101 88 70/ 69 4.3 5.7 3.0 131 131 119 68/ 67 2.7 5.5 1.8 104 119 104 146 66/ 65 2.0 2.3 2.2 73 73 103 64/ 63 1.7 1.8 54 93 78 62/ 61 • 4 1.1 34 88 60/ 59 1.0 28 28 59 • 3 చ 1 55/ 57 25 25i 37 45 56/ 55 • 6 15 15 34 36 54/ 53 19 . 2 17 45 52/ 51 20 17 • 1 50/ 49 12 **Z1** 48/ 47 6 46/ 45 12 44/ 45 16 42/ 41 40/ 39 38/ 37 8 36/ 35 34/ 53 32/ 31 TOTA'. 1.328.341.119.9 5.6 2.6 930 930 930 930 g No. Obs. Element (X) Hean No. of Hours with Temperature 6223651 75445 81.110.544 930 Rel. Hom. 267 F | 273 F | 280 F ≥ 93 F ≤ 0 F ≤ 32 F 4465522 64218 69.1 5.792 930 28.1 Dry Bulb 930 60779 65.4 6.617 4012817 Wet Bulb 47.9 11.3 93 3742663 58515 62.9 8.099 930 Dew Point 35.8 6.7

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

67-70,73-78 MACDILL AFB FL OCT STATION NAME STATION 0900-1100 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 58/ 87 86/ 85 84/ 83 2.8 1.7 79 .9 4.0 3.3 82/ 81 1 30 130 1.8 4.3 3.5 4.2 85/ 79 3.C 1.8 139 139 78/ 77 153 153 76/ 75 2.8 2.4 132 132 111 37 1.6 2.5 74/ 73 72/ 71 1.6 71 71 127 83 70/ 69 28 123 28 116 68/ 67 21 21 112 95 93 66/ 65 18 64/ 63 13 13 59 68 62/ 61 60/ 59 39 56/ 55 42 54/ 53 521 51 25 50/ 49 48/ 47 46/ 45 44/ 43 42/ 41 40/ 39 38/ 37 36/ TOTAL 3.510.419.724.320.014.1 930 930 930 Mean No. of Hours with Temperature Element (X) No. Obs. 930 65.912.877 ≥ 73 F Rel. Hum. 4192724 61286 4 0 F ≤ 32 F ≥ 67 F 5530929 71551 76.9 5.294 930 88.3 76.3 69.0 6.102 930 Wet Bulb 4459556 64150 65.1 30.6 93 Dew Point 3906800 59772 64.3 8.377 930 13.4

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1781(1) MACDILL AF8 FL 67-70,73-78 9CT

STATION STATION NAME PAGE 1 1200-1400
HOURS (L. S. T.)

Temp.	L					WET	BULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	× 31	D.B./W.B.	ory Bulb	Wet Bulb	Dew Point
32/ 91								• 5	•2	• 3								8	8		
99/ 89		! .					• 9	• 9	• 3	• 1		<u> </u>	_	!				20	20	ĺ	ļ
58/ 87					• 2					• 2	•8	• 1						100	100		
£61 85		1		• 1	1.7	3.5	4.9	5.7	2.2	1.1	• 6	- 1						186	186		
P4/ 83		1		- 8	1.5	4.7	3.3	2.6	2.5	1.3	• 4							159	159		
82/ 81			• 8		1.7	1.9	2.5			1.3	• 4							147	147		
63/ 79		• 1	ه ه	1.0	1.7	7	2.8	2.2	1.2	•8	• 2							116	115	13	
78/ 77			• 3			1.1	1.7	1.7	•8		• 1							73	73		
76/ 75						1.3	1.2	1.1	• 1									52	52	105	27
74/ 73		• 1,			• 2		• 5	• 1			• i							21	21	172	
72/ 71		• 1	• 1	, ;	• 1	• 2	. 4	• 1	• 2	• 3	• 2							17	17	136	74
70/ 69		. 1		• 1	_ • 1		• 2							<u> </u>				14	14	117	131
68/ 67			• 1	. 1			• 2											10	10	106	86
66/ 65							- 3		•2					i i				5	5	98	103
64/ 63						• 1		• 1										2	2	48	
62/ 61																				23	
60/ 59																				7	63
58/ 57					!															7	
56/ 55						1														10	
54/ 53																				13	
52/ 51																				4	· • /
50/ 49																				2	13
48/ 47												1									5
46/ 45																					6
44/ 43																					7
42/ 41																					6
40/ 39					- 1									li							3
38/ 37																					3
36/ 35			İ		ĺ							I									5
34/ 33																					4
COTAL		• 6	3.2	4.8	9.4	16.5	22.5	21.3	13.2	5.4	2.9	• 2		!]				T	930		930
																		930		930	
		اا																			
Element (X)		LX:			E X		X	**		No. 03								Temperati			
Rel. Hum.			3294		509		54 - 8				30	≤ 0 ₽		32 F	≥ 67 F		73 F	> 80 F	≥ 93 !	F	Total
Dry Bulb			1456		761		81.8				30				92.		88.2		1		93
Wet Bulb			0215		-552		78.1				30				71.		35.9	• 6	<u>'</u>		93
Dew Point		580	5154		590	26	63.5	79	591	- 5	30		i -		38.	2	9.1		I		93

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFE FL 67-70,73-78 YEARS WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 231 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point 92/ 91 907 89 .8 1.6 1.5 1.7 2.2 3.5 4.3 2.8 28/ 87 86/ 85 .3 1.2 3.2 5.4 3.1 1.1 1.6 3.5 1.8 2.7 34/ 83 32/ 81 .6' 1.3 3.2 1.5 2.5 .0 1.3 1.7 .8 2.2 2.7 80/ 79 78/ 77 1.0 1.3 16/ 75 1.0 .8 1.0 1.5 1.1 74/ 73 1.0 72/ 71 • 1 70/ 69 65/ 67 . 6 66/ 65 64/ 63 • 1 52/ 61 60/ 59 58/ 57 56/ 55 54/ 53 52/ 51 50/ 49 38/ 47 C 46/ 45 42/ 41 40/ 39 38/ 37 36/ 34/ 33 LATOT 1.5 3.6 5.910.116.319.820.012.7 6.5 3.1 Element (X) No. Obs. 3012848 51490 930 ≥ 67 F ≈ 73 F 55.413.208 20 F 5 32 F Dry Buth 6136779 75403 81:1 4.999 730 92.1 86.9 64,705

69.6 5.031

4525383

Wet Bulb

930

PSYCHROMETRIC SUMMARY

* 80 F | * 93 F

93

70.3

36.8

30.6

6.0

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12819 MACDILL AFB FL 67-70,73-78 OCT

STATION STATION NAME YEARS

PAGE 1 1509-2006 HOURS (C. S. F.,

Temp.						WET	BULB 1	EMPER	ATURE	DEPRE	SSION (F)							TOTAL		TOTAL	
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 2	6 27	- 28	9 - 30	a 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
98/ 87						• 1	_								1			1	1	1		
36/ 85				!		• 2	• 3			ļ					ļ				5	ຊູ່		
84/ 83				• 2	• 3			• 5	• 1					\Box	T	T		1	20	20		
82/ 81	1		-3					. 9		i		i i		ì	1	1		ì	72	72		.]
89/ 79		• 3	1.2							• 2				 -	\top	- +		!	148	148	1	
78/ 77		• 3		•	5.3	2.7	1.8			. ,		i		•	!	į			153	163	11	3
76/ 75		1.3	2.5	4.8	2.7	3.0								$\overline{}$	1				149	145	3.8	15
74/ 73	• 2	1.2	3.3	2.8	2.5	2.5	• 9	• 2	• 1						İ			1	128	128		34
72/ 71		1.0	2.3	1.8	2.2	1.4	. 8	• 2						ī	\top	Ti			89	8 9.	184	70
76/ 69		. 4	-8	1.3	2.5	1.3	• 6	- 1				l i		!		Ţ		ļ	65	65	149	113
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Rel. Hum.			0810		633	38		11.9			29	10F		= 32 F		≥ 67		73 F	- 80 F	e 93 f	F	i atel
Dry Bulb			2439		696			5.1			29		1		+	86		68.7				93
Wet Bulb		429	5499	·.	629			5.2		9	29		\top		- -	61	.1	15.7		1-		93
Dew Point			0557		589			5.8			29				+	38	- 1 -	5.2		+		93

GLOBAL CLIMATOLUGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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310108				31.	CITED N	nait.												PAGE	1	2100	ì
Temp.						WET	BUL B 7	FMPF	ATUR	DEPRES	SION (F)						TOTAL		TOTAL	•
(F)	0	1 - 2	3 - 4	5 - 6	7 - 8					17 - 18 1			23 - 24 25	5 - 26	27 - 28 2	- 30	≥ 31	D.8./W.B.	ry Bulb		ĺ
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£2/ 81				• 2					<u> </u>	<u></u>								72			l
83/ 79		. 4			.5 2.3	• 1												24	24		į
78/ 77		<u> </u>					• 2			<u> </u>					_			98	98	<u> </u>	
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74/ 73,	• 1		7.8					- 3		 						l.		203	203	77	٠
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13/ 69	• 1		2.9						 -	 -								92	92	191	
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Rel. Hum.			1428 3051		703		75.7			93		± 0 F	1 23	2 F	≥ 67 f		73 F	> 80 F	* 93 5		-
Dry Bulb Wet Bulb			0249		619		71.8			9:				—i	54		51.4 10.7		' 	 	-
Dew Point		-320	0229	-	591		63.6			93			+-		39.		:4.0		†		-
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GLOBAL CLIMATGLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2815	MA	CDIL	L AF		TATION N					67-	70,7	3-78	_	YEA						CT
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						WET	8111.8	YEU950	ATUBE	DERRE	SSION (<u> </u>					TOTAL		TOTAL	L. S. T.)
Temp. (F)	0	1 - 2	3 - 4	5 - 6	7 - 8								23 - 24 2	5 - 26	27 - 28 29	7 - 30 = 3		Dry Bul's		Dew Po
92/ 91								• 1	• 1								1:			
97/ 89 88/ 87			ļ			•0			• 1		_		<u>i</u> _			_	4 3			<u> </u>
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84/ 83			•1	• 4								— . ₫	-+				434			<u> </u>
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8J/ 79		• 1	1					• 8	1	• 2	• 7						581	-	•	í
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75/ 75 74/ 73	•9		,												İ	į	886		•	i .
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69/ 67		• 8	2.1	1.2	• 9	• 3	• 1	• 1	• 1							-	410	416	1906	10
66/ 65	• ប												!				319			
64/ 63		• 6					1		i					į	1	1	21.		1	,
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48/ 47 46/ 45			1							ĺ			l	ļ	1	i	İ		39	1
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40/ 39			1										$\neg \uparrow$				 -		T -	
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DTAL	• 6	12.0	24.3	18.7	13.1	10.6	8.4	6.2	3.7	1.6	.8	- 1			ļ			7439	,	74
														-			7439	7	7439	
Element (X)		ZX2	<u> </u>		z _x		¥	P.8	_	No. Ol	<u>. </u>				Mean No.	of Hours	uli. Temper	l	ــــــــــــــــــــــــــــــــــــــ	
Rel. Hum.			4473		5240	79		15.3	52		39	± 0 F	2.3	2 F	≥ 67 F				F	Tetal
Dry Bulb			6136		5525		74.3	7+2	22		39				645.			. 4		7
Wet Bulb			8507		5617			6.0			39			-1	469.	1		6		
Dew Point		3031	9615		4715		63.4	7.5	60	. 74	39			• 1	306.	7 51	• ==	بال		7:

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

281U	MACUI	LL AF		ATION NA					67-	70,7	3-78		YEA	25					NON.	OV TH
312 104			3.	A110N HA1									,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				PAG	E 1	DDOG-	-020
Temp.					WET	BULB 1	EMPERA	TURE	DEPRE	SSION (F)					_	TOTAL		TOTAL	
(F)	0 1-2	3-4	5 - 6	7-8								23 - 24	25 - 26	27 - 28 2	9 - 30	e 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Po
78/ 17;		.1							11								1	1		
76/ 75		1 .1	ય]			}]]]]]			6	6		
74/ 73	• 1	4 . 4	1.9										Γ- Γ	I	Ī		26	26	4	
72/ 71	.1 1.		2.4	• 2]								_			7 1	71	10	
70/ 69	.2 3.	-1 1		-7							!!			ı	-		107	107		
621 67	-2 3-		1.3	• 2	• 1						<u> </u>				-		88	89		
65/ 65	•4 6•	1		• Z	_						! [ĺ	i		128	128		•
54/ 63	-3 3-			- 3	. 1				 i		 						8.3	83		_1
62/ 61: 63/ 59	1 4 - 1			• 2	1				; !					ł			67	67		
58/ 57	1 3 1			• 3					 i				!				69 52	69 52		
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50/ 49					• 2				!				 		 -		21	21		
46/ 47				. 4	. 1		i				1 !		1	- 1	1		18	18		
" £/ 45	-										i						23	23		
44/ 43		ક કં	3	- 1					1		1 1		1	j	1		12	12	14	
42/ 41		1 • 4	• 1								! 1						5.	5	36	
46/ 39		2) . 3													i_		5	5	16	
35/ 371			!	- 1			-							i	ì		l		15	
36/ 35				• 1													1	1	3	
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32/ 31			• 1						ļ				 				1	1		
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OTAL	1.632.	938.4	19.9	5.2	1.7	• 3				1]	1			,	900	1	9
1		1		7					1				 				900		900	
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Element (X)	Zx2	4		z _x	┯╵	¥	02	7	No. Ob	s. 1	 l			Mean No	of Hou	rs wit	Temperat	ure .		
Rel. Hum.		55884		7182	za		11.7	75		00	± 0 1	F	= 32 F	≥ 67 F		3 F	- 80 F	+ 93	F 7	Tetal
Dry Bulb		29032		557			7.8			00		<u> </u>	• 1	29.		3.3		1	_	
Wet Bulb		54188		527			8.5			00			• 3	15.	~	•2		1		
Dev Point		84582		500			10.4			00		_	4.4	5.		• 2		1		

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR #EATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

12810 KACUILL AFB FL 67-70,73-78 NOV

STATION STATION NAME YEARS

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp.						WET	BULB	TEMPE	RATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
(F)	0	1-2	3 - 4	5-6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28 2	9 - 30	≥ 31	D.B.W.B.	ry Bulb 1	et Bulb	Dew Paint
74/ 73		- 1					1		1									14	14	- 1	
72/ 71	- 1	. 9		1.0					1					<u> </u>				47	47	<u>_</u> <u>_</u>	_ 1
70/ 69	• 5	2.8	4 . 9	1.1			1	i	1									86	85	37	18
65/ 67	• 3l	5.0	5.6	• 2	• 1		l	1	1						- 1			101	101	6.9	35
66/ 65	• 3	6.3	3.2	- 8			1	l	i									96	96	115	191
64/ 63	• 1	5.4	3.3	1.8	. 2	• 1	li	1	.j	į i	i	į 1		!	İ			150	_ เวต	94	98
٤2/ 61	• 1	6.9	2.9	2.1	• 3	• 1	. 1		1							_		113	113	83	84
5C/ 59	i	3.5	2.6	- 6	• 1	• 1	ļ		1			!!			İ	İ	i j	62	<u>62</u>	9 44	93
58/ 57		1.7	1.6	• 5	• 2			i	1									38	38	71	73
56/ 55	• 1	2.6	2.1!	1.2			İ	I	ĺ		<u> </u>	i i		!!	_ !			54	54	5 <i>T</i> i	60
54/ 531	• 1	1.7				• 1				!								35	35	46	5 1
52/ 51	- 1				4	-4	. 2	<u> </u>	ļ	l		1						39	39	45	57 33
53/ 49	• Z	• 2	1.6	• 7	• 7	• 3	\$ • 3	7	1						<u> </u>			36	36	32	33
45/ 47	1	. 4	. 1	. 4	• 7		<u> </u>	<u> </u>			<u> </u>	<u> </u>		<u> </u>				18	_ 19	25	25 25
46/ 45	ı	• 3		• 6	• 3		Ţ	i	İ		i							14	4	Σď	25
44/ 43	i	• 2		. 3	- 3		!	<u> </u>	<u> </u>	<u>i</u>		1		1				18	18	15	25 13
42/ 41	1	• 1			• 1		i	l		j	•							13	13	24	13
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26/ 25	1						1		1	1	ļ			li	- 1			i	i	죅	6
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20/ 19							<u> </u>		<u> </u>			!!		├ ─┤							3
16/ 15	j] [1				1	ĺ	3
14/ 13	- <u>-</u> -	70-				-	<u> </u>	<u> </u>			<u> </u>	1		!!				!			1
TOTAL	۷٠٩	37• I	37.7	14.8	3.1	1.6	8• ا	• • •	1									ا مما	900	مما	900
 								<u> </u>			<u> </u>			 				900		900	
							}					-			1						
Element (X)		Zx²		 ;	· x	T	¥	•,		No. Ol	3.				Mean No	. of H	ours with	Temperate	**		
Rel. Hum.			2467		731	07		12.2		9	00	± 0 !	F :	32 F	≥ 67 F		73 F	> 80 F	≥ 93 F	ļ 7	etel
Dry Bulb		338	7890		547	34	60.8	8.1	16	9	00			-3	24.	8	1.4				90
Wet Bulb		305	6971	-	518	43	57.6	8.8	64	9	60		_	•5	10.	9			•		90
Dew Point		281	6393		493	71	54.9	10.5	764	9	00		$\neg \vdash$	5.8	5.	4			1	1	90

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY JSAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 67-70,73-78 SOV STATION NAME STAT:0% 1 0600-0800 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. TOTAL 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 74/ 73 .3 1.6 18 ΤĢ 72/ 71 2.4 3.7 54 - 6 **5**4 .7 3.2 5.1 .7 4.3 2.3 75/ 69 87 87 52 29 . 2 93 58/ 67 • 8 93i 81 .1 6.0 3.0 1.2 73 66/ 65 93 91 86 64/ 63 .2 6.7 3.6 2.2 117 1 . 7 ıcd 54 ·1 5.6 2.9 1.0 62/ 611 • Z 83 83 86 97 3.9 2.4 58 95 oL/ 59 • 8 - 1 58 .9. 1.1 • 1 58/ 57 2.4 43 43 77 76 55/ 55, 1.5 1.4 1.8 48 58 .Z 1.4 1.0 1.3 54/ 53 43 43 36 58 £ 52/ 51 53/ 49 • 9 34 35 26 23 • 3 1.1 43/ 47 . 7 24 24 38 • T; 46/ 45 • 6 • 2 1.2 21 21 SQ 26 25 44/ 43 . 3 . 6 • zi 10 10 2 0 42/ 41 . 2 +7 . 8. 15 15 13 20 - 1 43/ 39 26 •2 22 38/ 37 - 1 5 11 36/ 35 1 d 10 34/ 33 13 12 32/ 31 - 1 . 1 z 30/ 29 . 11 15 28/ 27 21 26/ 25 6 2 24/ 23 22/ 21 1 20/ 19 õ 18/ 17 16/ 15 14/ 13 .2.139.532.718.2 5.6 900 TOTAL 899 899 399 No. Obs. Mean No. of House with Townstrature Elemeni (X) Rel. Hom. 72387 80.512.925 267 F | 273 F | 280 F | 493 F USAFETAC 5978579 899 158 ± 32 F Dry Bulb 3392794 54756 60.8 6.267 900 25.2 90 Wet Bulb 3052854 51734 57.5 9.185 899 13.5 90 54.611.533 90

SLOSAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 67-79:73-76 NOV STATION HAME ŧ 0900-1100 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL Temp. €. 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) :4/ 83 22/ 81 . 6 C 82/ 79 • 6 1.5 1.8 • 1 • 1 48 3.3 78/ 77 .4 1.2 - 1 • 1 67 ·8 2·7 3.6 89 75 1.7 761 89 € 2.4 3.2 1.6 99 74/ 73 99 1.7 72/ 71 1.7 2.0 1.8 2.2 1.2 • 4 93 37 26 70/ 69 1.6 2.2 2.1 1.8 36 85 114 69/ 67 . 6 2.2 1.8 2.0 74 74 113 95 2-1 1-7 1-6 1-1 56/ 65 72 72 82 1.0 1.1 1.6 59 59, 971 54/ 63 88 . 8 . 7 43 75 52/ 51 . 6 ء 2 43 73 53/ 59 . 7 31 31 54 » 6l 1.0 • 2 58/ 57 - 1 .6 • 6 • 2 27 27 47 50 55 51 56/ 15 16 22 - 1 - 8 54/ 53 . 2 - 2 • 9 - 1 25 25 26 38 52/ 51: 35 11 11 25 . 6 50/ 49 11 11. 20 48/ 47 25 25 24 45/ 45 - 1 44/ 43 1 17 17 42/ 41 - 1 1 18 19 40/ 10 3-9 17 38/ 37 15 36/ 35 16 34/ 33 14 32/ 31 10 30/ 29 28/ 27 ತ 26/ 25 2 24/ 23 22/ 21 20/ 19 18/ 17 Element (X) Mean No. of Hours with Temperature Rel. Hum. :0F : 32 F Dry Bulb

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Wet Bulb

SLOBAL CLINATOLOGY SRANCH USAFETAC AIP WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC MACDILL AFB FL 12610 67-70,73-78 NOV STATION HAME MONTH 1 1200-1400 PAGE 1 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL Temp. 3 (F) D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 5 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 88/ 87 86/ 85 2.1 39 84/ 83 • 8 2.7 2.1 1.2 69 69 82/ 81 2.6 2.6 3.3 100 100 3.3 80/ 79 3.2 2.7 2.6 128 128 115 78/ 77 2.6 2.4 115 1.8 2.3 76/ 75 2.7 106 106 74/ 73 1.5 72/ .8 1.3 46 71 1.4 111 30 • 8 46 123 701 69 • 6 58 58 28 687 67 • 7 43 124 90 43 ء 7ر 66/ 65 28 28 102 83 7 C 64/ 63 •8 •2 27 • 1 27 85 . 8 62/ 61 59 80 21 '2 60/ 59 55 21 85 58/ 57 27 61 55/ 55 13 22 27 52 . 1 54/ 53 58 52/ 51 27 40 • 1 50/ 49 • 1 22 24 14 48/ 47 18 46/ 45 23 44/ 43 24 14 40/ 39 17 38/ 37 36/ 35 15 33 ₹ 32/ 31 8 30/ 29 28/ 27 11 26/ 25 24/ 23 6 22/ 21 Element (X) Mean No. of Hours with Temperature Rel. Hum. ± 32 F *73 F - 80 F - 93 F Dry Bulb

Wet Buib

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 67-70,73-78 MACDILL AFB FL NOV 1200-1400 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 2 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) 20/ 19 12/ 11 10/ TOTAL 1.7 3.7 7.711.119.322.620.3 8.1 4.2 1.0 900 900 900 900 Mean No. of Hours with Temperature Element (X) 2805498 900 48586 ≥67 F ≥ 73 F ≥ 80 F 74.8 7.739 5087439 67307 77.1 90 **350** Dry Bulb Wet Bulb 3749564 57570 64.0 8.032 900 90

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1281C MACDILL AFB FL STATION NAME

67-70,73-78

VOV

PAGE 1

1500-1700 HOURS (L. S. T.)

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/HAC MACDILL AFE FL STATION NAME 1500-1700 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point 20/ 19 15/ 8/ TOTAL 2.6 5.7 8.115.118.118.018.310.1 2.2 1.3 900 900 900 ₹. £ C Element (X) No. Obs. Mean No. of Hours with Temperature • 55.415.107 73.8 7.642 63.4 7.724 2967761 49863 900 ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F 10F 1 32 F 4951785

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Dry Bulb

Wet Bulb

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

MACDILL AFB FL

12810

PSYCHROMETRIC SUMMARY

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67-70,73-78

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC 12819 MACDILL AFB FL

PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

12810	MA	COIL	L AF	BFL						67-	70,7	3-78								NO	V
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56/ 65	• 1	3.5	2.2	1.5	▶ 5	• 2		• 2	2	• 1	-0			<u> </u>	<u>'</u>		<u> </u>	638	639	798	752
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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHEP SERVICE/MAC

PSYCHROMETRIC SUMMARY

MACDILL AFB FL STATION HAME 12810 67-70,73-78 PAGE 2 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 0 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Builb Wet Builb Dew Point 25/ 19 16/ 17 16/ 15 14/ 13 12/ 11 10/ 81 1.019.724.017.212.4 9.4 7.1 5.3 720d 7198 7198 7198 Element (X) Ra, Obs. Mean No. of Hours with Temperature Rel. Hum. 37897305 132 F 267 F 273 F 280 F 293 F 507729 70.517.014 7198 7200 .7 385.7 139.C Dry Bulb 32472869 478717 66.5 9.456 720 435061 :60.4 8.755 401807 55.811.088 720 720 26850029 7198 2.8 201.0 14.5 37.1 86.1

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIP WEATHER SERVICE/MAC DEC 12316 MACDILL AFB FL 67-70,73-78 0000-0200 PAGE 1 HOURS IL. S. T.J WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 25 - 30 **× 31** 76/ 75 • 1 74/ 73 721 17 71 1.4 • 4 73/ 69 1.7 2.6 1.8 5.9 1.3 687 43 20 57 95 4.7 2.5 93 64/ 63 63 1.6 621 61 89 93 4.7 ó8 59 58/ 57 2.7 77 82 82 55 57 561 3.9 3.3 54/ 53 .1 2.6 2.4 59 72 3.5 55 52/ 51 .1 1.1 52 64 50/ 49 1.5 1.6 41 52 457 47 39 . 8 46/ 45 1.7 33 43 33 44/ 43 24 25 . 4 35 42/ 41 1.5 23 39 33 28 1.6 • 3 38/ 37 36/ 34/ 33 231 31 30/ 27 28/ 27 22/ 21 18/ 17 7.241.035.411.4 930 930 930 He. Obs. Mean No. of Hours with Temperature Element (X) 76219 82.012.52 930 =67 F | =73 F | ≥80 F 57.4 8.396 54.5 9.292 1.3 Dry Bulb 3124570 53338 930 10.4 2839497 50657 930 48109 51.711.327

MACDILL AFB FL STATION NAME

GLOSAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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67-70,73-18

SLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR *EATHER SERVICE/MAC

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MACDILL AFB FL STATION HAME

PSYCHROMETRIC SUMMARY

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67-70,73-78

PSYCHROMETRIC SUMMARY

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIP WEATHER SERVICE/MAC

12510

MACDILL AFB FL 67-70,73-78

DEC

PAGE Z

0900-1100 HOURS IL. S. T.)

Temp.						WET	SULB 1	TEMPER	ATURE	DEPRE	SSION (F)						TOTAL		TOTAL	
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SLOSAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

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PSYCHROMETRIC SUMMARY

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国の公で CLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 12810 DEC MACDILL AFB FL 67-70,73-78 1200-1400 PAGE 2 TOTAL WET BULB TEMPERATURE DEPRESSION (F) Temp. 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point (F) د21 Z1 5 20/ 19 (18/ 17 14/ 13 TUTAL 6.912.918.119.918.011.2 2.9 930 930 C 930 930 C 0-26-5 (OL A) Element (X) No. Obs. 3606839 55647 930 Rel. Hum. ≥67 F ≥ 73 F ≥ 80 F ≥ 93 F ± 0 F 1 32 F 68.1 8.594 59.6 8.98? £382266 56.6 93 Dry Bulb 63338 930 35.C 3383544 55470 930 23.4 3.2 93 52.712.672 930 10.3

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC MACDILL AFB FL 67-70,73-78 DEC STATION NAME Ţ 1500-1700 WET BULB TEMPERATURE DEPRESSION (F) TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 | 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 961 84 88/ 87 C 36/ 85 84/ 83 82/ 81 16 .8 2.0 78/ 77 6 d 76/ 75 1.5 74/ 73 2.5 105 195 93 70/ 69 2.5 2.2 93 57 1.4 6. 2.2 68/ 67 82 100 66/ 65 70 88 68 1.2 • 5 51 62/ 61 50 50 96 60/ 59 50 50 54 60 50/ 57 1.1 56/ 55 43 41 78 54/ 53 1.0 28 28 52/ 51 34 50/ 49 48/ 47 33 26 46/ 45 30 37 44/ 43 42/ 41 40/ 39 38/ 37 23 33 32/ 31 30/ 29 25/ 25 24/ 23 Mean No. of Hours with Temperature Element (X) 267 F = 73 F = 80 F = 93 F Rel. Hum. Dry Bulb

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GLOBAL CLIMATOLOGY BRANCH **PSYCHROMETRIC SUMMARY** USAFETAC AIR WEATHER SERVICE/MAC 12813 MACDILL AFB FL DEC 67-70,73-78 HCITATE STATION NAME YEARS MONTH 1500-1700 PAGE 2 HOURS (L. S. T.) WET BULB TEMPERATURE DEPRESSION (F) TOTAL femp. (F) 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 2 23 - 24 25 - 26 27 - 28 29 - 30 = 31 D.B./W.B. Dry Bulb Wet Bulb Dew Point 2/ 21 20/ 19 18/ 17 16/ 15 TOTAL 929 1.0 7.411.714.515.517.216.612.1 3.2 929 929 929 ĝ No. Obs. Meen No. of Hours with Temperature Element (X) 3674678 Rei. Hum. 56126 60.417.488 929 ≤ 32 F 2 67 F ≥73 F ≥80 F >93 F 28.7 4317495 62895 67.7 8.000 929 56.8 4.1 93 Dry Bulb 3343518 55178 59.4 8.447 929 93 20.8 48799 52.512.109 Dew Point

GLOBAL CLIMATOLOGY BRANCH USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC HACDILL AFB FL 67-70,73-78 É 1600-2000 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL C D.B. W.B. Dry Bulb Wet Bulb Dew Point (F) 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 80/ 79 78/ 77 € 76/ 75 74/ 73 72/ 71 47 E 4.0 73/ 69 88 1.1 67 3.2 3.7 107 107 52 28 £6/ 65 101 101 2.4 2.4 1.6 3.1 1.9 54/ 63 1.2 86 86 99 68 62/ 61 2.2 77 60/ 59 1.7 59 59 87 58/ 57 2.3 • 2 71 81 71 56/ 55 1.7 1.9 60 57 62 54/ 53 1.d 73 52/ 51 49 45 53 50/ 49 40 48/ 47 1.2 1.1 28 28 44 20 31 46/ 45 35 31 44/ 43 41 23 28 40/ 39 18 22 36/ 28 35 34/ 33 26 15 17 32/ 30/ 29 27 11 æ 26/ 25 24/ 23 22/ 21 20/ 19 18/ 17 TOTAL 2.521.027.924.016.4 6.4 1.4 928 928 928 Element (X) Mean No. of Hours with Temperature 928 5273548 74.014.539 ≥67 F = 73 F > 80 F ≥ 93 F Rel. Hum. 68644 ± 0 F 2 32 F 61.5 7.793 56.3 8.539 3565125 57063 928 93 Dry Bulb 28.5 4.2

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USAFETAC PSYCHROMETRIC SUMMARY AIR WEATHER SERVICE/MAC 12810 HACDILL AFB FL 67-70,73-78 STATION NAME * 2100-2330 PAGE 1 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | 2 31 | D.B./W.B. Dry Bulb | Wet Bulb | Dew Point (F) 78/ 77 • 1 • 5 76/ 75 74/ 73 72/ 71 101 69 43 40 58/ 67 70 7 d 56/ 65 112 83 104 104 €. 4.5 2.2 106 62/ 61 90 90 60/ 59 2.4 58 87 3.9 2.2 3.5 587 57 89 89 72 (73 55/ 55 73 7 1 1.9 54/ 53 2.4 1.4 54 51 51 47 52/ 51 1.2 2.0 1.4 50/ 49 1.8 37 37 57 48/ 47 44 . 1 26 26 27 46/ 45 44/ 43 42/ 41 32 24 40/ 39 38/ 37 18 36/ 35 34/ 33 32/ 31 30/ 29 29/ 27 26/ 25 24/ 23 22/ 21 28/ 19 4.533.832.720.1 927 927 TOTAL 927 73708 73708 Element (X) No. Obs. 6014206 79.512.875 927 Rel. Hum. ± 32 F 267 F 273 F 280 F 293 F 10F 58.8.7.987 927 Dry Bulb 3255584 54520 14.4 927 2916995 51349 55.4 8.857

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GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

12810 MACDILL AFB FL

PSYCHROMETRIC SUMMARY

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67-70,73-78

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SAFETAC FORM O.

GLCSAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 67-79,73-78 WET BULB TEMPERATURE DEPRESSION (F) TOTAL TOTAL D.B./W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 3 - 4 5 - 6 7 - 8 9 - 10 11 - 12 13 - 14 15 - 16 17 - 18 19 - 20 21 - 22 23 - 24 25 - 26 27 - 28 29 - 30 = 31 22/ 21 52 26/ 19 43 18/ 17 11 16/ 15 11 TOTAL 4.828.424.316.110.4 7.1 5.0 3.0 7434 7434 7434 7434 Element (X) ZX, No. Obs. Mean No. of Hours with Temperature 43281246 74.317.286 7434 Rel. Hum. 552486 ≥67 F = 73 F = 80 F = 93 F 60.9 9.621 Dry Bulb 28253218 45268D 7434 217.6 83.1 10.5 744 24123093 417507 56.2 9.530 7434 91.5 11.5 744 21140966 386388 52.011.931 7434 53.0 4.6

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR HEATHER SERVICE/MAC

MACDILL AFB FL

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PSYCHROMETRIC SUMMARY

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44/ 43	46/ 45	•0	•2	• 3	•2	• 2												814	819	1413	154
46/ 39 •C •1 •1 •1 •C •C 32C 731 114 38/ 37 •C •C •C •1 •1 •1 •C •C 189 588 99 36/ 35 •C •C •C •1 •1 •1 •C •C 189 588 99 36/ 35 •C •C •C •C •C 189 69 34/ 33 •C •C •C •C 189 69 32/ 31 •C •C •C 189 69 35/ 35/ 35/ 164 69 Element (X) Zx² Zx X X Fx Ne. Obs. \$\frac{1}{2} \text{ 23F Ne. of Hours with Temperature}\$ Rel. Hum. Dry Bolls Wer Bulb	44/ 43	. q		3			.0	• 6										575	579	1118	137
38/ 37 • 0 • 0 • 1 • 1 • 0 • 0 • 0 • 0 • 0 • 0			• 1	• 2	• 2	•)	• 0	•0										458	- 1	1010	125
36/ 35		•0	• 1	- 1	1	_ • 1	•0														114
34/ 33				- 1		• 0	•0				i	i									99
32 31 • 0 • 0 • 0 35 35 164 69										L	<u> </u>			-							86
Element (X) Z-X Z X X Fg No. Obs. Spin No. of Hours with Temperature		•ដ		•							l			1			1	1 1	- ,		69
Rel. Hum. ± 0 F ± 32 F ≥ 67 F ≈ 73 F ≈ 80 F ≈ 93 F Total Dry Bulb Wer Bulb				0			<u> </u>	L				نـــــا								164	69
Dry Bulb			ΣX,			X		<u> </u>	- FR		No. Oi	8.									F1
Wet Bulb										-			± 0 F	-	32 F	≥ 67 F	273 7	- 80 F	1 * 93 F	 -	0101
												\dashv					 	 	 	┽ —	
	- Dew Point				=												 -	 -	 	-	
EDEW FOINT,				ليب						ــــايــــ		ــــــــــــــــــــــــــــــــــــــ		ــــــــــــــــــــــــــــــــــــــ			<u> </u>	4			

67-70,73-79

GLOBAL CLIMATOLOGY BRANCH PSYCHROMETRIC SUMMARY USAFETAC AIR WEATHER SERVICE/MAC 12810 MACDILL AFB FL 67-79,73-79 STATION NAME PAGE 2 HOURS (L. S. T.) TOTAL WET BULB TEMPERATURE DEPRESSION (F) (F) D.B. W.B. Dry Bulb Wet Bulb Dew Point 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | = 31 36/ 29 89 515 • 0 28/ 27 43 456 . 0 • 0 25/ 25 17 367 24/ 23 202 22/ 21 171 20/ 19 耄 139 18/ 17 91 70 29 14/ 13 12/ 11 10/ 8 ŧ WHEN BREEZE WERE REPORTED TO THE PROPERTY OF THE PROPERTY OF THE PERSON TOTAL 1.417.724.518.21: . 9 9.9 6.9 4.7 2.4 1.1 67622 197482 57462 87482 ã 0.26.5 Zx No. Obs. Mean No. of Hours with Temperature 532F 267F 273F 280F 293F 5.86226.84815.42216.4 21. 31.84940.52722.4 69.0 72.415.722 Rel. Hum. 480599925 6336567 87482 6272587 450322201 71.611.350 87622 876C 384902760 5732046 65.510.324 87482 8769 Wet Bulb 344978668 5391772 61.612.034 27492 276.93922.41404.1

£

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810 MACUILL AFB FL

67-70,73-79

STATION			STAT	ON NAME						YEARS				
RS (L S T)		JAN	fEB.	MAR.	APR.	MAY .	JUN	JUL ,	AUG ;	SEP.	OCT	NOV	DEC	ANNUAL
	MEAN	55.5	55.5	62.4	67.9	72.5	76.5	77.3	76.9	76.1	69.9	62.1	57.4	67
00-02	S D	9.194	8.152	6.834	4.347	3 . 4 0 9	2.581	2.454	2.172	2.535	5.227	7.877	8 - 396	10.0
	TOTAL OBS	930	843	929	900	·930	900	930	929	899	930	900;	930	109
	MEAN	54.3	54.3	61.2	66.3	71.0	75.4	76.4	76.1	75.1	68.6	60.8	56.1	66
03-05		9.622	8.453			3.746					5.613		8.756	10.3
	TOTAL OBS		846		900	930	900	-	930		930:	900,	930	109
	MEAN	53.5	53.9	61.2	67.3	72.9	77.3	78.2	77.5	76.0	69.1	60.8	55.6	5 /
06-08		10.021			,	4.176					5.792			11.2
	S D TOTAL OBS		846	1	900	930	900		950	i	930;	900	930	109
			i			1			 i		1			
	MEAN	59.1	60.3	68.4	75.3	80.1	83.4	84.4	83.7	82.5	76.9	58.6	62.0	7.
19-11		10.195	8.493	7.851		3.901	3.516	1		- ;	5.294		3	11.
1	TOTAL OBS	929	-846	930	900	930	900	;	930		930	900	930	10
!									1					
,	MEAN	65.8	66.4		80.1	54 - 1	85.9				81.8	,	68.1	7
114		19.357		7.839	,	+			1		i			10.
	TOTAL OBS	928	846	930	900	930	900	930	930	900	930	900	930	10
+						1				1	1	<u>†</u>	~	
	MEAN	65.9	66.3		79.8		(85.3	84 - 8	81.1	73.8	67.7	7
15-17	5 D.	9.891	8.331			4.269	4.675	4.509	5.190	4.643	4.999	7.642	8.000	9.
	TOTAL CBS	938	846	930	899	930	900	930	930	900	930	900	929	10
	MEAN	60.0	60.5	57.9	74.1	78.6	81.6	81.4	80.7	79.7	- 75.0	67.0	21.5	7.
15-50	S. D.	9.201	7.800	7.240	4.654	4.164	4 - 141	4.303	4.089	3.734	5.129	7.584	7.793	434
	TOTAL OBS	938	846	- 930	908	930	900	930	927	980	929	900	928	10
	MEAN	57.0		64.5	70.1				78.1	77.2			58.8	5
21-23	S. D TOTAL OBS	9.807 932	845	6 • 815 -930	900	3.285			2.802 926	2.776 980	5.142 930		7.987 927	10
					- 1							730	-	
	MEAN	58.9	5963	66.6	72.6	77.2	80.6	81.1	80.7	79.7	74.3	66.5	60.9	7
ALL HOURS	S. D.	10.680	9.503	8.825	6.911	6.208	5.472	5.165	5.184	5.271	7.222	9.456	9.621	11.
	TOTAL OBS	·· 7437	6764	7439	7199	7448	7200	7439	7432	7199	7439	7200	7434	87

USAFETAC FORM 0-89-5 (OL!)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR XEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810

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MACDILL AFB FL

67-70,73-79

STATION			STATE	ON NAME						TEARS				
IRS (L S T)		JAN '	FEB	MAR	APR i	MAY	, MUL	JÜL	AUG .	SEP	ОСТ	NOV	DEC	ANNUAL
	MEAN	52.5	52.2	58.8	63.5	68.1	72.3	73.7	73.3	72.6	66.0	58.6.	54.5	63.
30-02	5 D	9.760	8.834	7.379	5.497	4.088	2.547	2.256	2.187	2.469	5.837	8.520	9.292	10.1
•	TOTAL OBS	930	828	926	900	930	908	930	929	899	930	900	930	109
			!					1			•			
	MEAN	51.6	51.4	58.1	52.7	67.4	72.0	73.4	73.1	72.3,	65.1	57.6	53.5	63
03-05	S D	10.298	9.212	7.839	5.826	4 . 402	2.523	2.242	2.092	2.560	6.359	8.864	9.675	10.5
<u>;</u>	TOTAL OBS	930	831	927	908	930	900	930	930	900	930	900	930	109
			į	•	-									
	MEAN	51.0	51.0	58.0	63-3	66.7	73.3	74.6.	74.2	73.D	65.4	57.5	53.1	63
06-08	5 D	10.735	9.482	8.433	6.038	4.511	2.710	2.467	2.220	2 . 837	6.617	9.185	18.144	11.2
!	TOTAL OBS	930	829	927	900	930	900	930	930	900	930	899	930	109
					i	.			i			,		
	MEAN	54.5	54.7	51.7	66.6	71.5	75.6	77.0	76.7	75.8	69.0	61.7	57.0	65
U9-11	, S D	10.765	9.293	8.555	5.755	4.143	2.484	2.872	2.182	2.637	6.102	8.951	9.773	10.7
,	TOTAL OBS	927	530	929	900	930	900	929	930	900	930	980	930	109
				Ī	ī	i		į		1				
	MEAN	57.6	57.1	63.5	67.7	72.1	76.0	77.0;	76.7	76.0	70.1	64.0	59.6	68
12-14	S D.	10.985	8 - 886	8.091	5.437	3.975	2.318	2.283	2.278	2.413	5.345	8.032	8.987	9.5
	TOTAL OBS	928	831	93.7	900	930	900	938	930	900	930	-900	930	109
				,		1						,		
	MEAN	57.6	57.0	63.2	67.6	71.9	75.5	76.3	75.8	75.2	69.6	63.4	59.4	67
15-17	S. D.	9.518	8.301	7.738	5.083	3.695	2.548	2.628	2.651	2.478	5.931	7.724	8.447	9.3
	TOTAL OBS	930	831	930	829	930	900	930	930	988	930	900	929	109
				1	i	1					,	,- (
	MEAN	55.0	54.7	61.2	65.6	70.2	73.9	74.8	74.5	73.6	67.8	61.1	56.8	65
18-20	5 D.	9.484	8.354	7.494	5-186	3.743	2.532	2.546	2.452	2.549	5.294	7.552	8.639	9.6
-	TOTAL OBS	930	831	930	~900	930	900	930	327	900	929	899	928	109
			. 4		v - e-		-	9						
-	MEAN	53.4	53.2	59.8	64.4	68.9	72.7	73.9	73.7	72.9	66.6	59.6	55.4	64
21-23	S. D.	9.482	8.480	7.380	5-238	3.775		2.337				8-177	8.857	9.3
	TOTAL OBS	-929	-828	··· 950	~90D	930	900	930	926	900	930	900	927	109
		•	4, 50				· ·							
	MEAN	54.2	53.9	60.5	65.2	69.9	73.9	75.1	74.7	73.9	-57.5	6D.4	56.2	65
ALL HOURS	5. D.	10.295	9.1.33	8.133	5.810	4.398	2.922	2.740	2 - 682	2.919			9-530	10.3
	TOTAL OBS					7440						7198		874

USAFETAC FORM 0.89.5 (QLI)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR MEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12810

MACDILL AFB FL

67-70,73-79

STATION STATION NAME HRS (LST) MEAN 49.7 49-3 55.9 60-6 65.5 70.3 71.9 71.6 70.5 63.6 55.6 51.7 61-4 UD-02: 5 D 11.62610.798 8.947 7.294 3.159 2.805 2.755 2.908 6.92010.46011.327 11.450 5.286 10932 930 828 926 990 900 930 900, 930 TOTAL OBS 930 930 929 299 48.8 48.4 55.5 60.2 65.3 70.3 71.9 71.6 70.9 62.9 54.9 51.0 61.1 U3-05 5 D 2.37811.275 9.472 7.697: 5.460 3.035 7.66210.96411.754 11.939 2.751 2.637 2.993 930 831 927 500° 930 900 930 930 900 930 900 930 10938 72.6 48.0 60.5 66.3 71.4 73.0 71.6 26-28: s. b 12.94311.71310.298 7.961 5.618 3.075 3.208 8.09911.53312.356 12.666 2.819 2.620 930 900 10935 TOTAL OBS 829: 927 930 930 900 930: 72.2 73.7 49.9. 49.3 56.6 61.1 67.0 73.9 72.8 64.3 56.4 U9-11, S D. 13.78312.59311.577 8.725 5.990 3.071 2.700 2.603 3.151, 8.37712.26212.802 12.866 .927 830 929 900 930 900 930 930 900 930 10935 TOTAL OBS 925 900: 59.8 MEAN 50.6 48.9 56.1, 65.9 71.1 72.9 72.3 71.4 63.5 56.2 61.9 13.47212.96211.600 8.970 6.272 3.463 3.057 7.95911.63212.672 12-14. S D 2.838 3.299 12.465 TOTAL OS 231 **93**6 900 930 900 930 930 900 930 900 10939 48.6 55.8 59.9 65.7 70.8 72.3 71.7 70.9 63.0 61.5 MEAN 3.190 12.91312.30411.236 6.087 3.486 3.206 3.367 7.51611.24412.109 15-17; S D 8.521 12.124 TOTAL OBS ·· ··930 ···831 ··· · 930 899 930 900 930 930 900 930 909 10939 50.5 49.4 56.2 59.9 65.6 70.3 71.8 71.6 70.7 63.5 61.7 MEAN 56.6 18-20 11.83811.069 9.933 5 .575 3.234 S D. 7.629 3.035 2.990 3.247 6.89810.22511.165 11.362 **600** TOTAL OLS ----930:----831 930 930 900 930 927 -900 929 ... 899 -10934 49.9 49.4 60.5 70.3 71.6 70.8 MEAN 65.7 71.8 63.6 52.3 56.3 56.3i 61.6 21-25 11.41410.593 9-138 3.206 2.893 3.114 6.81510.07210.952 S. D 7.273 5.312 2.861 11.231 TOTAL OBS . 929 930 - - 906 930 9.00 930 900 930 10930 828 926 900 927 48.9 56.0 60.3 65.9 70.5 72.4 72.1 71.3 63.4 55.8 52 . C 61.6 12.59011.68710.328 8.052 5.728 3.288 2.991 2.907 3.228 7.56011.08811.931 12.034 S. D. HOURS TOTAL OBS · 7434 - 6639 7429 7199 744 G 7200 7439 7432 7199 7439 7198 87482

USAFETAC FORM 0.89-5 (OLI)

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 STATION

MACDILL AFB FL

STATION NAME

68-70,73-79

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MC" TH	HOURS	Ĺ		PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN		_	MEAN RELATIVE	TOTAL
MC- 18	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	60%	90%	HUMIDITY	NO OF OSS.
JAN	υ 0-0 2	100.0	100.0	100.0	99.7	98.2	93.1	81.7	58.5	22.3	81.2	930
	63-05	100.0	100.0	100.0	99.4	98.0	92.3	82.9	62.6	25.3	82-1	930
	06-08	100.0	100.0	100.0	99.5	98.2	91.8	82.2	65.7	27.5	82.4	930
	09-11	100.0	190.0	99.2	96.2	89.9	79.3	59.8	36.7	10.5	72.7	927
·	12-14	100.0	99.7	96.4	88.9	69.8	47.2	25.2	11.1	2.2	59.7	928
	15-17	100.0	97.6	95.9	87.2	69.5	47.7	25.6	10.5	1.6	59.4	930
	18-20	100.0	100.0	99.7	97.1	92.0	78.7	56.2	30.1	5.5	71.8	930
	21-23	100.0	100.0	100.0	99.8	96.3	90.3	74.4	45.3	14.6	77.8	929
		 		 						 		
			ļ									
TO	TALS	100.0	99.9	98.9	96.0	89.0	77.6	61.0	40.1	14.0	73.4	7431

USAFETAC

0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF AIR N_ATHER SERVICE/MAC

RELATIVE HUMIDITY

12810

MACDILL AFB FL

68-70,73-79

FEB

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STATION NAME

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MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	•		PERCENTAC	E FREQUENC	Y OF RELATIVE	HUM:DITY G	LEATER THAN			MEAN	TOTAL
MONTH	(LST)	10*•	20%	30%	40%	50%	60%	70%	80%	90%	HUMUDITY	NO OF
ftB	00-02	100.0	100.0	100.0	99.4	97.0	92.8	78-5	52.2	15.9	79.5	€28
	03-05	100.0	190.0	100.0	99.5	96.1	91.8	83.2	57.9	20.6	80.9	631
	26 - 08	100.0	100.0	99.9	98.7	96.3	91.3	81.8	68.4	25.9	81.2	829
	09-11	100.0	99.8	98.3	94.1	84.5	69.4	48.1	28.3	8.4	53.9	830
	12-14	100.0	98.8	92.7	80.5	61.6	36.5	21.2	11.1	2.5	55.9	831
	15-17	100.0	98.6	92.1	79.1	60.0	36.6	19.7	10.2	2.2	55.6	831
	18-23	100.0	100.0	96.8	95.7	88.4	69.8	46.1	23.5	6.1	68.5	831
	21-23	100.0	100.0	100.0	98.9	95.9	31.0	66.7	42.1	11.2	75.0	828
	<u> </u>			-			 		 	-		
		 		<u> </u>			<u> </u>					
*******	!		<u> </u>									
10	TALS	100.0	99.6	97.7	93.2	85.0	71.8	55.7	35.7	11.6	79.8	6539

USAFETAC MAN 0-87-5 (OL'A)

DAIA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12810 STATION MAGDILL AFB FL

STATION HAME

68-70:75-79

MAR

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	HOVIDITY G	REATER THAN			MEAN	TOTAL
MONIN	((5 T)	10%	20%	30%	40%	50%	65%	70%	80.	90%	RELATIVE	NO OF OBS.
MAR	00-02	100.0	100.0	100.0	99.7	98.6	93.6	79.4	48.9	25.7	74.5	926
	03-05	100.0	100.0	100.0	99.7	98.2	93.4	85.3	61.4	19.7	81.9	927
	06-08	100.0	100.0	100.0	99.6	97.3	91.8	82.5	61.5	22.5	81.5	927
	09-11	100.0	100.0	98.9	94.2	84.6	68.2	44.9	22.2	4.3	67.4	929
	12-14	100.0	99.8	94.5	84.9	58.2	35.3	18.8	7 • 8	2.0	55.9	930
	1 :7	100.0	99.5	93.8	81.9	61.1	38.8	22.0	9.0	1.9	56.3	930
	18-20	100.0	100.0	99.1	95.4	85.5	69.2	44.9	22.4	5.2	67.7	930
	21-23	100.0	100.0	100.0	99.7	97.3	86.3	65.7	36.9	11.4	75.4	930
TO	OTALS	100.0	99.9	98.3	94.4	85.1	72.1	55.4	33.8	10.1	70.7	7429

USAFETAC

FORM IIII AA

0-87-5 (OL A)

DAYA PROCESSING BRANCH LTAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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MACOILL AFS FL

STATION NAME

68-70,73-79

APR

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

to	TALS	100.0	100.0	98.5	91.8	80.3	65.0	46.9	29.2	6.9	67.5	7199
	-	 	-									
	21-23	100.0	100.0	100.0	99.6	95.1	77.4	57.2	36.1	5.9	72.7	900
	18-20	100.0	100.0	99.1	93.0	75.1	54.0	34 • 8	13.6	2.1	62.7	900
	15-17	100.0	99.8	94.9	75.5	50.9	30.3	12.5	3.2	•1	52.4	899
	12-14	100.0	99.8	94.7	75.0	49.2	25.1	8.8	2.3	.1	51.3	900
	09-11	100.0	100.0	99.0	92.3	78.4	56.3	32.4	11.7	1.3	62.7	900
	06-08	100.0	100.0	99.9	99.6	97.0	92.0	77.6	54.9	16.2	79.6	900
	03-05	100.0	100.0	100.0	99.9	97.9	94.2	80.7	60.4	18.0	81.1	900
APR	00-02	100.0	100.0	100.0	99.7	98.8	90.4	71.3	51.0	11.7	78.2	900
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70 %	80%	90%	RELATIVE	NO OF OBS
	HOURS			PERCENTAG	E FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL

USAFETAC NORM 0-87-5 (OL A)

UATA PROCESSING BRANCH £ TAL/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

1281J STATION MACDILL AFB FL

68-70,73-79

MAY

TOTAL COLOR SECTION SE

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	GE FREQUENCY	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
MAY	50-00	100.0	100.0	100.0	100.0	99.8	95.3	78.5	54.0	6.2	79.0	930
	03-05	100.0	100.0	100.0	100.0	99.9	98.3	85.9	65.7	15.5	82.4	930
	06-08	100.0	100.0	100.0	99.9	99.1	96.3	81.9	55.2	12.8	80.3	930
	09-11	100.0	100.0	100.0	97.2	39.2	64.6	33.8	9.7	1.2	65.2	930
	12-14	100.0	100.0	99.0	88.8	62.9	31.4	12.2	5.1	.8	55.5	930
	15-17	100.0	100.0	98.6	87.0	64.0	34.2	14.1	5.4	.9	56.0	930
	18-20	100.0	100.0	100.0	97.0	86.0	64.4	38.7	13.4	1.7	65.7	930
	21-23	100.0	100.0	100.0	99•8	97.6	84.7	67.0	34.9	2.6	74.2	930
· · · · · · · · · · · · · · · · · · ·		 	 		 			 -		-	<u> </u>	
τo	TALS	100.0	100.0	99.7	96.2	87.3	71.2	51.5	30.4	5.2	69.8	7440

USAFETAC

DATA PROCESSING BRANCH EIAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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MACDILL AFB FL

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

нтиом	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
JUN	00-02	100.0	100.0	100.0	100.0	100.0	99.3	91.1	59.6	7.3	81.2	900
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	96.8	72.8	15.1	84.0	900
	06-08	100.1	100.0	100.0	100.0	100.0	99.8	93.3	59.1	10.8	81.9	900
	69-11	100.5	100.0	190.9	99.8	97.9	84.3	45.7	11.2	1.8	69.4	900
	12-14	100.0	100.0	100.0	97.6	82.9	46.1	15.7	4.3	1.2	60.3	400
	15-17	100.0	100.0	99.9	96.7	81.8	51.4	19.9	5.6	1.4	61.1	900
	18-20	100.0	100.0	100.0	99.8	96.1	78.0	44.9	15.4	2.7	69.3	900
	21-25	100.0	100.0	100.0	100.0	100.0	96.8	79.4	38.2	5.3	77.5	900
	<u> </u>			-		 						
τo	TALS	100.0	100.C	100.0	99.2	94.8	82.0	60.9	33.3	5.7	75.1	7200

USAFETAC - NORM 0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	!		PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS.
JUL	ύ0 − 02	100.0	100.0	100.0	100.0	100.0	99.9	94.7	70.0	13.1	83.5	930
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.7	79.9	20.8	85.6	930
	05-08	100.0	100.0	100.0	100.0	100.0	99.7	97,0	69.6	15.9	83.8	930
	09-11	100.0	100.0	100.0	100.0	98.6	91.1	50.7	13.8	1.5	71.4	929
	12-14	100.0	100.0	100.0	99.8	91.9	59.0	22.5	7.7	1.9	63.5	930
	15-17	100.0	100.0	100.0	99.7	91.7	64.9	29.4	11.0	2.8	65.5	930
	18-20	100.0	100.0	100.0	99.9	98.0	88.4	59.0	26.1	5.6	73.3	930
	21-23	100.0	100.0	100.0	100.0	100.0	98.3	89.9	53.8	9.4	80.5	930
		 	 		 	-						
	TALS		-		-							
		100.0	100.0	100.0	99.9	97.5	87.7	67.6	41.5	8.9	75.8	7439

USAFETAC NORM 0-87-5 (OL A)

DATA PROCESSING BRANCH LTAC/USAF AIR WEATHER SERVICE/MAC

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	i		PERCENTA	GE FRFQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
MONIH	(L.S.T)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS.
AUG	00-02	100.0	100.0	100.9	100.0	100.0	100.0	95.5	70.0	13.2	83.4	929
	03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.0	80.6	20.9	85.9	930
	U6-08	100.0	100.0	100.0	100.0	100.0	100.0	97.7	75.6	16.6	84.7	930
	09-11	100.0	100.0	200.0	99.9	99.9	93.3	57.1	16.3	1.5	72.2	930
	12-14	100.0	100.0	100.0	100.0	92.2	51.1	19.0	7.2	1.5	62.5	930
	15-17	100.0	100.0	100.0	99.2	88.4	60.4	30.4	12.8	2.6	64.9	930
	18-20	100.0	100.0	100.0	100.0	98 • 3	90.2	66.5	31.4	6.0	74.5	921
	21-23	100.0	109.0	100.0	100.0	100.0	98.5	88.8	53.5	10.3	80.6	926
		-		-		-						

` to	TALS	100.0	100.0	100.0	99.9	97'-4	86.7	69.1	43.4	9.1	76+1	7432

USAFETAC TOM 0-87-5 (OL A)

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CUMULATIVE PERCENTAGE FREQUENC" OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIVE	HUMIDITY G	REATER THAN			MEAN	TOTAL
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
SEP	00-02	100.0	100.0	100.0	100.0	100.0	99.7	98.0	73.4	13.6	84.1	899
	03-05	100.0	100.0	100.0	100.0	100.0	99.6	99.4	86.8	23.6	86.6	900
	ü6−08	100.0	100.0	100.0	160.0	100.0	99.9	99.2	83.0	21.4	66.i	900
	09-11	100.0	100.0	100.0	100.0	99.7	93.6	60.4	18.8	1.3	72.8	900
	12-14	100.0	100.0	100.0	99.8	91.4	49.7	16.3	4.3	.6	61.6	900
	15-17	100.0	100.0	100.0	98.8	88.3	57.3	26.4	12.7	1.4	64.0	900
	18-20	100.0	100.0	100.0	99.8	96.8	89.9	65.7	30.1	4.8	74.5	900
	21-23	100.0	100.0	100.0	100.0	700.0	99.0	89.4	51.6	8.3	80.6	900
		 							<u> </u>	-	<u> </u>	
τo	TALS	190.0	100.0	100.0	99.8	97.3	86.1	69.4	45.1	9.4	76.3	7199

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING BRANCH LTAC/USAF AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HINCA	HOURS			PERCENTA	GE FREQUENC	Y OF RELATIV	E HUMIDITY G	REATER THAN			MEAN	TOTAL
	(I ST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
oc 1	00-02	100.0	100.0	100.0	300.0	100.9	98.0	84.8	56.3	7.0	80.3	930
	03-05	100.0	100.0	100.0	100.0	99.2	96.7	88.8	65.5	12.5	82.3	930
	06-08	100.0	100.0	100.0	100.0	98.9	94.5	63.4	62.4	14.1	81.1	930
	09-11	100.0	100.0	100.0	96.7	86.9	66.0	37.5	13.5	1.7	65.9	930
	12-14	100.0	100.0	96.5	88.5	61.9	28.0	10.9	3.8	•2	54.6	930
	15-17	100.0	100.0	99.0	87.2	61.4	29.7	13.5	5.3	,5	55•4	930
	18-20	100.0	100.0	100.0	99.2	92.9	71.6	42.9	16.9	2.2	68.2	929
	21-23	100.0	100.0	100.0	100.0	99.6	92.3	71.3	35.3	4.1	75.7	930
				<u> </u>	-	-			<u> </u>			
	<u> </u>		ļ. <u></u>									
10	TALS	100.0	100.0	99.7	96.5	87.6	72.1	54 • 1*	32.4	5.3	70.5	7439

USAFETAC RORM 0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF /IR WEATHER SERVICE/MAC

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS	·		PERCENTAG	E FREQUENC	OF RELATIVE	HUMIDITY G	REATER THAN			MEAN RELATIVE	TOTAL NO OF
MONIN	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	HUMIDITY	CAS.
NOV	00-02	200.0	100.0	100.0	99.4	96.2	95.1	82.4	54.7	13.6	79.8	900
	03-05	100.0	100.9	100.0	99.0	96.4	92.8	83.9	61.1	17.4	81.2	900
	06-08	100.0	100.0	100.0	99.3	96.0	91.0	79.9	59.6	19.8	80.5	899
	09-11	100.0	100.0	98.6	92.6	82.7	65.4	40.6	21.2	5.3	66.4	980
	12-14	100.0	99.9	94.1	84.8	57.6	28.2	12.9	5.0	.6	54.0	900
	15-17	100.0	99.2	95.1	86.3	58.9	34.9	16.3	1.3	.8	55.4	900
	18-20	100.0	100.0	99.7	98+3	92.8	76.3	49.5	26.1	3.7	70.3	899
 -	21-23	190.0	100.0	99.9	99,4	97.1	89.7	70.0	42.9	10.3	76.7	900
					 							
:0	TALS	180.0	99.9	98.4	94,9	84.7	71.4	54.4	34.7	8.9	70.5	7198

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING BRANCH LIAC/USAF AIR MEATHER SERVICE/MAC

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

	HOURS	1	PERCENTAGE FREQUENCY OF "ELATIVE HUMIDITY GREATER THAN											
MONTH	(LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE	NO OF OBS		
DEC	00-02	100.0	100.0	190.0	99.8	97.6	92.3	84.0	59.2	24.4	82.0	930		
	03-05	100.0	100.0	100.0	99.7	98.0	92.6	85.5	64.8	28.9	83.4	930		
	06-(18	100.C	100.0	100.0	99.7	97.5	92.3	82.5	65.7	31.4	83.2	930		
	d9 -11	100.0	190.0	99.9	96.3	88.2	73.7	56.1	36.5	13.5	72.3	930		
	12-14	100.0	100.0	96.7	87.5	67.4	45.6	27.2	14.8	4.0	59.8	930		
	15-17	100.0	99.9	96.4	27.2	67.5	47.1	29.0	16.8	4.2	60.4	929		
	18-20	100.0	100.0	99.7	99.0	93.5	80.1	59.4	38.0	11.6	74.0	928		
	21-23	100.0	100.0	100.0	99.7	97.6	92.1	75.5	51.5	19.4	79.5	927		
			ļ											
to	TALS	100.0	100.0	99.1	96.1	68.4	77.0	62.4	43.4	17.2	74.3	7434		

USAFETAC FORM 0-87-5 (OL A)

DATA PROCESSING BRANCH ETAC/USAF AIR WEATHER SERVICE/MAC

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CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOUSLY OBSERVATIONS)

MONTH	HOURS			PERCENTAC	E FREQUENC	Y OF RELATIVE	E HUMIDITY G	REATER THAN			MEAN	TOTAL
	(LST)	10%-	20%	30%	40%	50%	60%	70%	80%	90%	RELATIVE HUMIDITY	NO OF OBS
JAN	ALL	100.0	99.9	98.9	96.0	89.0	77.6	61.0	40.1	14.0	73.4	7434
fEp		100.0	99.€	97.7	93.2	85.0	71.8	55.7	35.7	11.6	70.8	6639
MAR		160.0	99.9	98.3	94.4	85.1	72.1	55.4	33.8	10.1	70.7	7429
APR _		100.0	100.0	98.5	91.8	80.3	65.0	46.9	29.2	6.9	67.6	7199
MAY		100.0	160.0	99.7	96.2	87.3	71.2	51.5	30.4	5 • Z	64.8	7440
אטנ		100.0	100.0	100.0	99.2	94.8	82.0	6G.9	33.3	5.7	73.1	7200
JUL		100.0	100.0	162.0	99.9	97.5	87.7	67.6	41.5	8.9	75.8	7439
AUG		100.0	100.0	100.0	99.2	97.4	86.7	69.1	43.4	9.1	76.1	7432
SEP	ļ	100.0	100.0	100.0	99.8	97.3	86.1	69.4	45.1	9.4	76.3	7199
ост	<u> </u>	100.0	100.0	99.7	96.5	87.6	72.1	55.1	32.4	5.3	70.5	7439
NOV		100.0	99.9	98.4	94.9	84.7	71.4	54.4	34.7	8.9	70.5	7198
DEC		100.0	100.0	.99.1	96.1	88.4	77.0	62.4	43.4	17.2	74.3	7434
TO	TALS	100.0	99.9	99.2	96.5	89.5	76.7	59.0	36.9	9.4	72.4	87482

U S AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER

PART F

1

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

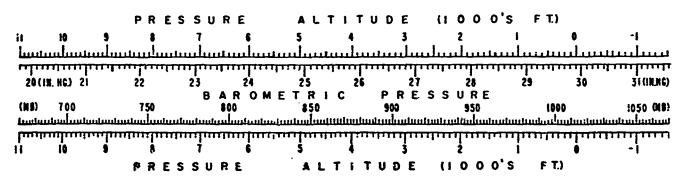
NOTES: Station pressure not reported for all services until late in 1945.

Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

- 1. Station pressure is presented in the table in inches of mercury.
- 2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressurealtitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH USAFETAC ALR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

12810 MACDILL AFB FL

67-70,73-79

HRS (LST) JAN FEB MAR APR, MAY JUN. JUL AUG SEP	OCT	NOV	

HRS (LST)		JAN	FEB	MAR	APR.	YAM	JUN.	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	30.1003	30 • C753	0.0433	0.0262	9.9642	9.9693	30.024	30.9042	9.9542	9.9633	0.0563	0.077	30.623
01	5.0	.151	•141	•135	.122	•992	•891	. 962	•069	.368	• 898·	.118	.131	.120
	TOTAL OBS	310	282	305	300	310	300	310	310	300	310	300	310	3651
	MEAN	33.089												
ប់។	S D	•152	_		•123	.091	_	•062		•968	•398		.133	
	TOTAL OBS	310	282	310	300	310.	300	310	310_	300	310	300	310	3652
								· · · · · · · · · · · · · · · · · · ·						
_	MEAN	30-105												30.031
97	5 D	•154		• 139							.098	.122	.134	.122
	TOTAL OBS	310	<u> 282</u>	310:	300	310	300	310	310	300	310	300	310	3652
				 <u>`</u>										70 613
	MEAN	30-152												30.662
10	S D	•153		•139	>								•133	-124
	TOTAL OBS	310	282:	310:	300			310	310	300	310	300	310	3652
	MEAN	30.103	20.001	25.07	0 077			70 075	70 010	20 055	20.0763	10 000	0 071	30.026
13	S D		.141											119
13	TOTAL OBS			310				,						3652
		3111	202											3032
	MEAN	30.066	30-0343	10 - 0022	9.986	29.927	29-937	29.998	29. 965	29.912	29.939	10.0153	0.04;	29.985
16	5 D	;	.135								096		.123	.116
	TOTAL OBS				299			, - 1				-		3651
	MEAN	30.092	30.055	30.0172	9.997	29.938	29.949	30.007	29.977	22.931	29.964	0.0423	0.968	30.003
19	S D.	-145	•135	-i29	.115	.086	-088	.061	•B65	.068	.098	.118	.124	.118
	TOTAL OBS	-310	282	2	300	310	300	318	309	300	310	300	309	3650
	1			1							,			
	MEAN	30-115	30-083	30.053	0.036	29.979	29.986	30.036	30-014	29.971	30.002	50.5713	520.08	30.036
22	; S D	•150	-141	-132	-119	-089	.089	.861	-065	.868	.099	.120	.126	-118
	TOTAL OBS	310	-282	-310	300	310	300	310	308	300	310	300	309	3649
	<u> </u>	-45	- ex - ex	- 12.				<u> </u>			<u></u>			
	MEAN	30.103	30-972	30.0393	0.023	29.963	29.968	30.023	29.998	29.950	29.981	30.G56	50.079	30.921
ALL HOURS	5. D.	•151	.143	.13€	•123	•093	.091	•1164	-671	.072	.101	.123	.131	•122
	TOTAL OBS	2480	2256	2479	2399	2450	2400	2480	2477	2489	2480	2400	2478	29209

USAFETAC FORM 0.89-5 (OL1)

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/HAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY DBSERVATIONS

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MACDILL AFB FL

67-70,73-79

STATION

STATION NAME

HRS ILST		JAN	FEB	MAR	APR	MAT	JUN	JUL	AUG	SEF	oc:	NOV	DEC	ANNUAL
	MEAN	1920-13	1019.2	1018.11	1017.57	1015.5	1015.6	1017.5	1016.5	1015.1	1016.13	1015.61	019.3	1917.4
01	S D 1	5-198	4.728	4.568	4.125	3.129	3.047	Z.092	2.307	2.302	3.318	4.049	4.447	4.045
L	TOTAL OBS	319	282	309_	300	310	300	310	310	300	310	300	310	3651
	<u>`</u>													
İ	MEAN !	1919.7	1016.5	1017.23	1016.73	1914.8	1014.9	1016.7	1015.9	1014.3	1015.5	1918.11	018.9	1016.5
64	50		4.715	4.611	4.149	3.126	3.049	2.083	2.285	2.295	3.295	4.034	4.496	4.093
<u> </u>	TOTAL OBS	<u> </u>	282	310	360	310	300	31G	310	300	310	300	310	3652
! 1	MEAN	1020.21	1919.3	1516.37	1013.0	1016.0	1616.0	1017.7	1016.9	1015.4	1016.5	1019.01	019.5	1017.7
67	S D	5.207	4.84?	4 . 708	4.252	3.155	3.040	2.034	2.337	2.353	3.322	4.138	4.557	4.896
	TOTAL OBS	319	282	31G.	300	310	300	310	310	300	309	300	310	3551
L				<u> </u>										
	MEAN	1021.0	1020.6	1319.51	1018.8	1015.6	1016.6	1G18.5	1017.8	1016.3	1017.5	1020.21	1021.1	1018.8
10	SD	5-173	4.868	4.679	4.263	3-187	3.051	2.109	2.341	2.292	3.345	4.205	4.512	4.204
	TOTAL OBS	310	282	310	300	310	300	305	309	300	310	309	310	3650
<u></u>				<u> </u>										
ł	MEAN	1020.1	1019.4	1018.3	1617.8	1015.7	1015.9	1017.9	1017.8	1015.2	1015.9	1018.3	1019.1	1017.5
13	5 0		4.741	4.523:	4.089	3.073	2.960	2.009	2:300	2.293	3.249	4.893	4.316	3.994
	TOTAL OSS	310	282	310:	300	310	300	310	310	300	310	300	310	3652
l				· 			· 			· 	·			
1	MEAN	1018-9	1017.8	1016.7	1015.2	1014.2	2014.5	1016.6	1015.5	1013.7	1014.6	1017-2	1018.1	1916.2
16	5 D		4.550	4.394	3.874	2.957	2.907	2.033	2.232	2.280	3.251	3.885	4.160	3.908
<u> </u>	TOTAL OBS	310	282	3:0:	298	310	300	310	31.2	300	310	300	310	3650
<u> </u>								<u> </u>			·			
ļ	MEAN	1019.8	1015.5	1017.2	1016.6	1014.6	1015.0	1016.9	1015.9	1014.4	1015.5	1018-1	1019-0	1016-8
19	, S.D.		4.552	4.355	3.872	2.923	2.941	2.962	2.185	2.295	3.337	3.991	4.18C	3.972
l	TOTAL OBS	310	282	310	300	316	300	309	308	300	309	300.	305	3555
 -	<u>:</u>			<u> </u>				<u> </u>	<u> </u>	1	<u> </u>			
l	MEAL	1020-6		,	,									1017.9
22	5 D		4.743	4.457					2.183	2.318	3.351	4.038.	4.289	3.983
	TOTAL OBS	310	252	- 310	300	- 310	300	310	307	399	389	300	308	3596
	<u> </u>		<u> </u>	<u>ا</u>					<u>; </u>	<u> </u>	<u> </u>			<u> </u>
ALL	MEAN			1018.0										1017.4
HOURS	\$. D			4.609		:								408
	TOTAL OBS	2980	2256	2475	2398	2480	2400	2478	2475	2400	2477	2400	2976	29198